



Landini S.p.A. di Landini Cav. Mirco
Sede: Via Eugenio Curiel, 27/A – 42024 CASTELNOVO SOTTO (Reggio Emilia) – Italy
Tel +39-0522.68.88.11
Fax Uff.Ordini +39-0522.68.88.72
Fax +39-0522.68.88.70
Sito Web: www.landinipa.com
E-Mail: commerciale@landinipa.com
Uff.Estero: export@landinipa.com

Obligations with the new

CPR 305/2011

The Regulations for Construction Products

The DoP - declarations of Performance - products Landini SpA

ROOFING

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2. Introduction

Dear Customer,

EU Regulation No. 305/2011 was published in the Official Journal of the European Union L88/12 of 4 April 2011, the EU Regulation No. 305/2011 laying down the conditions for the marketing of construction products and repealing the Construction Products Directive 89/106.

This Regulation lays down the conditions for the placing on the market of construction products. It also defines criteria for assessing the performance of these products and the conditions of use of the CE marking.

The Construction Products Regulation (CPR 305/2011) is fully operational as from 1 July 2013.

Following are the main novelties of the Regulation relating to the obligations of Manufacturers

- The manufacturers shall draw up the DoP. For each CE marked product the manufacturer must issue a DoP that replaces the current "Declaration of Conformity" and that, among other information, reports the performance of the product declared on the basis of the relevant harmonized technical specification (harmonized European standard)

The main purpose of the DoP is to enable customers and consumers to compare different products placed on the market, on the basis of common elements, identifies them and makes them measurable, allowing you to identify the most suitable product for intended use.

Article 7.1 states verbatim: "Manufacturers shall provide a copy of the DoP of each product made available on the market, in paper form or by electronic means." However, the Commission, by means of delegated acts, regulates the procedure for making available the DoP also on web site

Manufacturers should address the need to consider it necessary to send the first delivery of the DoP and whenever the product or rule are amended.

- The manufacturer must affix the CE marking in the manner provided in Art. 9 . The marking must include the reference number of the DoP .

- The manufacturer shall keep the technical documentation and the DoP for a period of 10 years

- The manufacturers ensure that procedures are in place to ensure that series production maintains the declared performance

The products manufactured in accordance with the existing harmonized standards and placed on the market before July 1, 2013, shall be deemed to comply with the new Regulation.

Landini S.p.a. distributes to customers this collection of DoP of its products in electronic format (in PDF format) .

Display note

For a quick access to documents, it is recommended to set the menu view / navigation panels option bookmarks

3. Products for covering

3. 1 Fiber cement sheets ONDABAND

3. 2 Metal Roofing LAGRECA

3.1. Fiber cement sheets ONDABAND

3.1.1. Covering EUROPA P177-ONDABAND



Landini S.p.A. di Landini Cov. Mirco
Cap.Soc. € 5.263.200,00 I.v.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
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C.C.I.A.A. di RE n. 173045 - Reg. Soc. Trib. di RE n. 16414 Cod. Fisc. e Pat. N.A 01274640356



COVERING EUROPA P177-ONDABAND

DECLARATION OF PERFORMANCE (DoP)

N° 01-F-EN

1. Unique identification code of the product-type:

01 - F - P177-O - Fiber cement profiled sheets UNI EN 494 : 2012

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

COVERING EUROPA P177-ONDABAND

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 177 mm, height of 51 mm and a thickness of 6.5 mm, available in 5 waves (width 920 mm) or 6 waves (width mm 1097), in gray natural Stratocolor, Nuance, painted, suitable for covering civil and industrial buildings and wall cladding interior, exterior and ceilings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnuovo di Sotto (RE)

Phone. 0522 / 688811 - Fax 0522 / 688870

commerciale@landinispacom

www.landinispacom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

Il sistema di valutazione e verifica, è un sistema 3.

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)

performed _____ under system _____ (description of the third party tasks as set out in Annex V)

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

SGS INTRON Zertifikat: CTG-380 (Gültigkeit liegt vor)

Address: Venusstraat 2 Postbus 267 4100 AG CULEMBORG - OLANDA

CSTB Centre Scientifique et Technique du Batiment Zertifikat: 077-H1 (Gültigkeit liegt vor)

Address: Avenue Jean Jaures 84 Champs Sur Marne 77447 MARNE-LA-VALLEE CEDEX 2 - FRANCIA

MPA STUTTGART Otto-Graf-Institut Zertifikat: Z-31.1-157 (Gültigkeit liegt vor)

Address: Pfaffenwaldring 32 D-70569 STUTTGART (VAIHINGEN) - GERMANIA

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	EN 15057 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	A1	EN 13501
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 920 – 1097 - 5 +10 mm 6,5 ± 0,6 mm 177 ± 2 mm 51 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



3.1.2. Covering EUROPA P146-ONDABAND



Landini SpA, di Landini Cov. Mirco
Cap.Soc. € 5.263.200,00 Iva.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contenitori in polietilene per trattamento acque
Canali grigliati

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C.C.I.A.A. di RE n. 175046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fisc. e Part. IVA 01274640396



COVERING EUROPA P146-ONDABAND

DECLARATION OF PERFORMANCE (DoP)

N° 03-F-EN

1. Unique identification code of the product-type:

03 - F - P146-O - Fiber cement profiled sheets UNI EN 494 : 2012

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

COVERING EUROPA P146-ONDABAND

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 146,5 mm, height of 47,6 mm and a thickness of 6.5 mm, available in widths of 1054 mm, in gray natural Stratocolor, Nuance, painted.

The plates are suitable for covering civil and industrial buildings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnovo di Sotto (RE)

Phone. 0522 / 688811 - Fax 0522 / 688870

commerciale@landinispacom

www.landinispacom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

Il sistema di valutazione e verifica, è un sistema 3.

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)

performed _____ under system _____ (description of the third party tasks as set out in Annex V)

and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,

test/calculation reports - as relevant)

Not Applicable

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

(name and identification number of the Technical Assessment Body, if relevant)

issued _____

(reference number of the European Technical Assessment)

on the basis of,

(reference number of the European Assessment Document)

performed _____ under system _____

(description of the third party tasks as set out in Annex V)

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	EN 15057 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	A1	EN 13501
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 1054 -5 +10 mm 6,5 ± 0,6 mm 146,5 ± 2 mm 47,6 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



3.1.3. Covering EUROPA ALLA ROMANA



Landini SpA, di Landini Cov. Micro
Cap.Soc. € 5.263.200,00 I.v.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
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COVERING EUROPA ROMANA

DECLARATION OF PERFORMANCE (DoP)

N° 04-F-EN

1. Unique identification code of the product-type:
04 - F - ROMANA - Fiber cement profiled sheets UNI EN 494 : 2012
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
COVERING EUROPA ROMANA
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Corrugated fiber cement eco-friendly, with a pitch waveform 270 mm, height of 35 mm and a thickness of 6.5 mm, available in widths of 570 mm and 1150 mm, in gray natural and painted.
The plates are suitable for covering civil.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnovo di Sotto (RE)
Phone. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispacom
www.landinispacom
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
Il sistema di valutazione e verifica, è un sistema 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
.....
(name and identification number of the notified body, if relevant)
performed under system (description of the third party tasks as set out in Annex V)
and issued (certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
.....
(name and identification number of the Technical Assessment Body, if relevant)
issued
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed under system
(description of the third party tasks as set out in Annex V)
and issued
(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)
Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	NPD	EN 15057 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	A1	EN 13501
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 570 – 1150 -5 +10 mm 6,5 ± 0,6 mm 270 ± 2 mm 35 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



3.1.4. Covering P9-ONDABAND



Landini SpA, di Landini Cov. Mirco
Cap.Soc. € 5.263.200,00 I.v.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contenitori in polietilene per trattamento acque
Canali grigliati

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COVERING P9-ONDABAND

DECLARATION OF PERFORMANCE (DoP)

N° 05-F-EN

1. Unique identification code of the product-type:

05 - F - P9-O - Fiber cement profiled sheets UNI EN 494 : 2012

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

COVERING P9-ONDABAND

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 177 mm, height of 51 mm and a thickness of 6.5 mm, available in widths of 1025 mm, in gray natural and painted. It's possible to supply the product with chamfers and holes for installation. The plates are suitable for covering civil and industrial buildings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnuovo di Sotto (RE)
Phone. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispacom
www.landinispacom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

Il sistema di valutazione e verifica, è un sistema 3.

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)

performed _____ under system _____ (description of the third party tasks as set out in Annex V)

and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,

test/calculation reports - as relevant)

Not Applicable

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

(name and identification number of the Technical Assessment Body, if relevant)

issued _____

(reference number of the European Technical Assessment)

on the basis of,

(reference number of the European Assessment Document)

performed _____ under system _____

(description of the third party tasks as set out in Annex V)

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	EN 15057 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	A1	EN 13501
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 1025 -5 +10 mm 6,5 ± 0,6 mm 177 ± 2 mm 51 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



3.1.5. Covering P6



Landini SpA, di Landini Cov. Micro
Cap.Soc. € 5.263.200,00 I.v.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
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Canali grigliati

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COVERING P6

DECLARATION OF PERFORMANCE (DoP)

N° 06-F-EN

1. Unique identification code of the product-type:
06 - F - P6 - Fiber cement profiled sheets UNI EN 494 : 2012
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
COVERING P6
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 146,5 mm, height of 47,6 mm and a thickness of 6.5 mm, available in widths of 1086 mm, in gray natural, painted.
It's possible to supply the product with chamfers and holes for installation.
The plates are suitable for covering civil and industrial buildings.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnovo di Sotto (RE)
Phone. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispacom
www.landinispacom
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
Il sistema di valutazione e verifica, è un sistema 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
(name and identification number of the Technical Assessment Body, if relevant)
issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)
and issued _____
(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)
Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	ACR [M] 001: 2005 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	Classe 1	BS 476/7
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 1086 -5 +10 mm 6,5 ± 0,6 mm 146,5 ± 2 mm 47,6 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnuovo Sotto 01/07/2013

Landini s.p.a.



3.1.6. Underlay EUROPA P200,5-ONDABAND



Landini SpA, di Landini Cov. Mirco
Cap.Soc. € 5.263.200,00 Iva.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contenitori in polietilene per trattamento acque
Canali grigliati

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UNDERLAY EUROPA P200,5-ONDABAND

DECLARATION OF PERFORMANCE (DoP)

N° 07-F-EN

1. Unique identification code of the product-type:
07 - F - P200,5-O - Fiber cement profiled sheets UNI EN 494 : 2012
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
UNDERLAY EUROPA P200,5-ONDABAND
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 200,5 mm, height of 60 mm and a thickness of 6.5 mm, available in widths of 1043 mm, in gray natural Stratocolor, Nuance, Mircolor, painted.
The plates are suitable for covering civil and industrial buildings or as a support for tile width 170-190.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnovo di Sotto (RE)
Phone. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispacom
www.landinispacom
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
Il sistema di valutazione e verifica, è un sistema 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
(name and identification number of the Technical Assessment Body, if relevant)
issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)
and issued _____
(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)
Not Applicable

9. Declared performance


Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	EN 15057 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	A1	EN 13501
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 1043 -5 +10 mm 6,5 ± 0,6 mm 200,5 ± 2 mm 60 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnovo Sotto 16/12/2013

Landini s.p.a.



3.1.7. Underlay EUROPA P234,8-ONDABAND



Landini SpA, di Landini Cav. Micro
Cap.Soc. € 5.263.200,00 Iva.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contenitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 175046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fisc. e Part. IVA 01274640396



UNDERLAY EUROPA P234,8-ONDABAND

DECLARATION OF PERFORMANCE (DoP)

N° **09-F-EN**

1. Unique identification code of the product-type:
09 - F - P234,8-O - Fiber cement profiled sheets UNI EN 494 : 2012
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
UNDERLAY EUROPA P234,8-ONDABAND
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 234,8 mm, height of 57,4 mm and a thickness of 6.5 mm, available in widths of 970 mm, in gray natural Stratocolor, Nuance, painted.
The plates are suitable for covering civil and industrial buildings or as a support for tile width 190-220.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnovo di Sotto (RE)
Phone. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispacom
www.landinispacom
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
Il sistema di valutazione e verifica, è un sistema 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
CSTB Centre Scientifique et Technique du Batiment Zertifikat: 077-H1 (Gültigkeit liegt vor)
Address: Avenue Jean Jaures 84 Champs Sur Marne 77447 MARNE-LA-VALLEE CEDEX 2 - FRANCIA

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	EN 15057 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	A1	EN 13501
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 970 -5 +10 mm 6,5 ± 0,6 mm 234,8 ± 2 mm 57,4 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



3.1.8. Covering EUROSIX-LAN



Landini SpA, di Landini Cov. Mirco
Cap.Soc. € 5.263.200,00 Iva.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contenitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 175046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fisc. e Pat. N.A.01274640396



COVERING EUROSIX-LAN

DECLARATION OF PERFORMANCE (DoP)

N° 10-F-EN

1. Unique identification code of the product-type:

10 - F - EUROSIX-LAN - Fiber cement profiled sheets UNI EN 494 : 2012

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

COVERING EUROSIX-LAN

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Corrugated fiber cement eco-friendly polypropylene reinforced with straps and accessories, with a pitch waveform 146,5 mm, height of 47,6 mm and a thickness of 6.5 mm, available in widths of 1086 mm, in gray natural Stratocolor, painted. If possible to supply the product with chamfers and holes for installation.

The plates are suitable for covering civil and industrial buildings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

LANDINI s.p.a. - , via Eugenio Curiel 27/A - Castelnuovo di Sotto (RE)

Phone. 0522 / 688811 - Fax 0522 / 688870

commerciale@landinispacom

www.landinispacom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

Il sistema di valutazione e verifica, è un sistema 3.

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)

performed _____ under system _____ (description of the third party tasks as set out in Annex V)

and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,

test/calculation reports - as relevant)

Not Applicable

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

(name and identification number of the Technical Assessment Body, if relevant)

issued _____

(reference number of the European Technical Assessment)

on the basis of,

(reference number of the European Assessment Document)

performed _____ under system _____

(description of the third party tasks as set out in Annex V)

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance: Tensile strength Bending moment	Classe I Classe X	Punto 5.3.3 – UNI EN 494 (not applicable to accessories)
Resistance to impact	Conforms	ACR [M] 001: 2005 (not applicable to accessories)
External fire performance	B _{roof}	5.6.1 – UNI EN 494 (not applicable to accessories)
Reaction to fire	Classe 1	BS 476/7
Water permeability	Conforms	5.3.4 – UNI EN 494 (not applicable to accessories)
Dimensional characteristics: Width: Thickness: Step wave: Depth wave:	mm 1086 -5 +10 mm 6,5 ± 0,6 mm 146,5 ± 2 mm 47,6 ± 3	5.2.4 – UNI EN 494
Durability hot water	R _L > 0,70	5.4.4 – UNI EN 494 (not applicable to accessories)
Durability immersion / drying	R _L > 0,70	5.4.5 – UNI EN 494 (not applicable to accessories)
Durability to freeze-thaw	R _L > 0,70	5.4.2 – UNI EN 494 (not applicable to accessories)
Durability to sun-rain	Conforms	5.4.3 – UNI EN 494 (not applicable to accessories)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by

Cav. Mirco Landini – Director

Castelnuovo Sotto 01/07/2013

Landini s.p.a.



3.2. Metal Roofing LAGRECA

3.2.1. Profile H21 made of Galvanized natural steel



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.363.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 0127460296



H21ACZN

DECLARATION OF PERFORMANCE (DoP)

N° 01-G-EN

1. Unique identification code of the product-type:
LAGRECA-H21ACZN (Galvanized natural steel)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H21ACZN
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curiel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispacom
www.landinispacom
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
.....
(name and identification number of the Technical Assessment Body, if relevant)
issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640296



H21ACZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Galvanized natural steel S250 GD Z 200	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H21/985 with 12 pitches of 75 mm and net width of 900 mm H21/1187 with 15 pitches di 75 mm and net width of 1125 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,52 ml Thickness 6/10 mm 3,24 ml Thickness 7/10 mm 3,87 ml Thickness 8/10 mm 4,50 ml Thickness 10/10 mm 5,76 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnuovo Sotto 01/07/2013

Landini s.p.a.

3.2.2. Profile H21 made of Prepainted Galvanized steel



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H21ACZP

DECLARATION OF PERFORMANCE (DoP)

N° 02-G-EN

1. Unique identification code of the product-type:
LAGRECA-H21ACZP (Prepainted Galvanized steel)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H21ACZP
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curiel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinisp.com
www.landinisp.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued _____
(name and identification number of the Technical Assessment Body, if relevant)

(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 0127460296



H21ACZP

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted galvanized steel S250 GD Z150 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H21/985 with 12 pitches of 75 mm and net width of 900 mm H21/1187 with 15 pitches di 75 mm and net width of 1125 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,52 ml Thickness 6/10 mm 3,24 ml Thickness 7/10 mm 3,87 ml Thickness 8/10 mm 4,50 ml Thickness 10/10 mm 5,76 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluminium Alloy 3003/3103/3105 H16 - H18	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H21/985 with 12 pitches of 75 mm and net width of 900 mm H21/1187 with 15 pitches di 75 mm and net width of 1125 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 1,08 ml Thickness 6/10 mm 1,53 ml Thickness 7/10 mm 1,89 ml Thickness 8/10 mm 2,25 ml Thickness 10/10 mm 3,06 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - $23,6 \times 10^{-6} C^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.



3.2.4. Profile H21 made of Prepainted aluminium



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.I.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H21ALPR

DECLARATION OF PERFORMANCE (DoP)

N° 04-G-EN

1. Unique identification code of the product-type:
LAGRECA-H21ALPR (Prepainted aluminium)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H21ALPR
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curiel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinisp.com
www.landinisp.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

.....
(name and identification number of the Technical Assessment Body, if relevant)
issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640296



H21ALPR

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted aluminium Alloy 3003/3103/3105 H46 - H48 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H21/985 with 12 pitches of 75 mm and net width of 900 mm H21/1187 with 15 pitches di 75 mm and net width of 1125 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 1,08 ml Thickness 6/10 mm 1,53 ml Thickness 7/10 mm 1,89 ml Thickness 8/10 mm 2,25 ml Thickness 10/10 mm 3,06 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - 23,6 x 10 ⁻⁶ C ⁻¹	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.

3.2.5. Profile H21 made of Natural aluzinc



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.200,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curjel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H21ALZN

DECLARATION OF PERFORMANCE (DoP)

N° 05-G-EN

1. Unique identification code of the product-type:
LAGRECA-H21ALZN (Natural aluzinc)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H21ALZN
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curjel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinisp.com
www.landinisp.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluzinc S250 GD AZ150 - AZ185	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H21/985 with 12 pitches of 75 mm and net width of 900 mm H21/1187 with 15 pitches di 75 mm and net width of 1125 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,52 ml Thickness 6/10 mm 3,24 ml Thickness 7/10 mm 3,87 ml Thickness 8/10 mm 4,50 ml Thickness 10/10 mm 5,76 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.

3.2.6. Profile H21 made of INOX 204 2B



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.200,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curjel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fisc. e Part. IVA 01274640266



H21INOX

DECLARATION OF PERFORMANCE (DoP)

N° 06-G-EN

1. Unique identification code of the product-type:
LAGRECA-H21INOX (INOX)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H21INOX
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curjel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispaspa.com
www.landinispaspa.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640296



H2IINOX

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	INOX AISI 304 2B: X5 CrNi 18 10 + 2B - 1.4301 + 2B	UNI EN 508-3 - UNI EN 9445-2 UNIVEN 10088
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 9445-2
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H21/985 with 12 pitches of 75 mm and net width of 900 mm	
	Dimensional tolerances	UNI EN 508-3 - UNI EN 9445-2
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,52 ml Thickness 6/10 mm 3,24 ml Thickness 7/10 mm 3,87 ml Thickness 8/10 mm 4,50 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of stainless steel thermal expansion $17 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.

3.2.7. Profile H28 made of Galvanized natural steel



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H28ACZN

DECLARATION OF PERFORMANCE (DoP)

N° 21-G-EN

1. Unique identification code of the product-type:
LAGRECA-H28ACZN (Galvanized natural steel)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H28ACZN
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curjel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinisp.com
www.landinisp.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)
With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4
Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
(name and identification number of the Technical Assessment Body, if relevant)
issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curial, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
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H28ACZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Galvanized natural steel S250 GD Z 200	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H2B/1021 with 8 pitches of 112 mm and net width of 896 mm H2B/1127 with 9 pitches of 112 mm and net width of 1008 mm H2B/1231 with 10 pitches of 112 mm and net width of 1120 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,16 ml Thickness 6/10 mm 2,88 ml Thickness 7/10 mm 3,60 ml Thickness 8/10 mm 4,41 ml Thickness 10/10 mm 5,85 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.

3.2.8. Profile H28 made of Prepainted Galvanized steel



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curjel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
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H28ACZP

DECLARATION OF PERFORMANCE (DoP)

N° 22-G-EN

1. Unique identification code of the product-type:
LAGRECA-H28ACZP (Prepainted Galvanized steel)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H28ACZP
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curjel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispa.com
www.landinispa.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Reg. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 0127460296



H28ACZP

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted galvanized steel S250 GD Z150 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H2B/1021 with 8 pitches of 112 mm and net width of 896 mm H2B/1127 with 9 pitches of 112 mm and net width of 1008 mm H2B/1231 with 10 pitches of 112 mm and net width of 1120 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,16 ml Thickness 6/10 mm 2,88 ml Thickness 7/10 mm 3,60 ml Thickness 8/10 mm 4,41 ml Thickness 10/10 mm 5,85 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.263.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contenitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curial, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 0127460296



H28ALNA

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluminium Alloy 3003/3103/3105 H16 - H18	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H28/1021 with 8 pitches of 112 mm and net width of 896 mm H28/1127 with 9 pitches of 112 mm and net width of 1008 mm H28/1231 with 10 pitches of 112 mm and net width of 1120 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 0,90 ml Thickness 6/10 mm 1,44 ml Thickness 7/10 mm 1,89 ml Thickness 8/10 mm 2,43 ml Thickness 10/10 mm 3,42 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - 23,6 x 10 ⁻⁶ C ⁻¹	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
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H28ALPR

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted aluminium Alloy 3003/3103/3105 H46 - H48 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H28/1021 with 8 pitches of 112 mm and net width of 896 mm H28/1127 with 9 pitches of 112 mm and net width of 1008 mm H28/1231 with 10 pitches of 112 mm and net width of 1120 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 0,90 ml Thickness 6/10 mm 1,44 ml Thickness 7/10 mm 1,89 ml Thickness 8/10 mm 2,43 ml Thickness 10/10 mm 3,42 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - 23,6 x 10 ⁻⁶ C ⁻¹	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.

3.2.11. Profile H28 made of Natural aluzinc



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.200,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.I.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H28ALZN

DECLARATION OF PERFORMANCE (DoP)

N° 25-G-EN

1. Unique identification code of the product-type:
LAGRECA-H28ALZN (Natural aluzinc)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H28ALZN
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curiel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispa.com
www.landinispa.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.263.000,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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H28ALZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluzinc S250 GD AZ150 - AZ185	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H2B/1021 with 8 pitches of 112 mm and net width of 896 mm H2B/1127 with 9 pitches of 112 mm and net width of 1008 mm H2B/1231 with 10 pitches of 112 mm and net width of 1120 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,16 ml Thickness 6/10 mm 2,88 ml Thickness 7/10 mm 3,60 ml Thickness 8/10 mm 4,41 ml Thickness 10/10 mm 5,85 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in accordance to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Cunial, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
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H28INOX

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	INOX AISI 304 2B: X5 CrNi 18 10 + 2B - 1.4301 + 2B	UNI EN 508-3 - UNI EN 9445-2 UNIVEN 10088
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 9445-2
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H28/1021 with 8 pitches of 112 mm and net width of 896 mm	
	Dimensional tolerances	UNI EN 508-3 - UNI EN 9445-2
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,16 ml Thickness 6/10 mm 2,88 ml Thickness 7/10 mm 3,60 ml Thickness 8/10 mm 4,41 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of stainless steel thermal expansion $17 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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H40ACZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Galvanized natural steel S250 GD Z 200	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1042 with 5 pitches of 196 mm and net width of 980 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 1,80 ml Thickness 6/10 mm 2,34 ml Thickness 7/10 mm 2,88 ml Thickness 8/10 mm 3,42 ml Thickness 10/10 mm 4,41 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted galvanized steel S250 GD Z150 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1042 with 5 pitches of 196 mm and net width of 980 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 1,80 ml Thickness 6/10 mm 2,34 ml Thickness 7/10 mm 2,88 ml Thickness 8/10 mm 3,42 ml Thickness 10/10 mm 4,41 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.





Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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H40ALNA

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluminium Alloy 3003/3103/3105 H16 - H18	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1042 with 5 pitches of 196 mm and net width of 980 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 0,54 ml Thickness 6/10 mm 0,81 ml Thickness 7/10 mm 1,08 ml Thickness 8/10 mm 1,35 ml Thickness 10/10 mm 1,89 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - 23,6 x 10 ⁻⁶ C ⁻¹	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.

3.2.16. Profile H40 made of Prepainted aluminium



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.200,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curjel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H40ALPR

DECLARATION OF PERFORMANCE (DoP)

N° 44-G-EN

1. Unique identification code of the product-type:
LAGRECA-H40ALPR (Prepainted aluminium)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H40ALPR
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curjel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinisp.com
www.landinisp.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)

With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4

Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued _____
(name and identification number of the Technical Assessment Body, if relevant)

(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
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H40ALPR

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted aluminium Alloy 3003/3103/3105 H46 - H48 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1042 with 5 pitches of 196 mm and net width of 980 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 0,54 ml Thickness 6/10 mm 0,81 ml Thickness 7/10 mm 1,08 ml Thickness 8/10 mm 1,35 ml Thickness 10/10 mm 1,89 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - $23,6 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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H40ALZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluzinc S250 GD AZ150 - AZ185	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1042 with 5 pitches of 196 mm and net width of 980 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 1,80 ml Thickness 6/10 mm 2,34 ml Thickness 7/10 mm 2,88 ml Thickness 8/10 mm 3,42 ml Thickness 10/10 mm 4,41 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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H40INOX

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	INOX AISI 304 2B: X5 CrNi 18 10 + 2B - 1.4301 + 2B	UNI EN 508-3 - UNI EN 9445-2 UNIVEN 10088
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 9445-2
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1042 with 5 pitches of 196 mm and net width of 980 mm	
	Dimensional tolerances	UNI EN 508-3 - UNI EN 9445-2
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 1,80 ml Thickness 6/10 mm 2,34 ml Thickness 7/10 mm 2,88 ml Thickness 8/10 mm 3,42 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of stainless steel thermal expansion $17 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

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H40NACZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Galvanized natural steel S250 GD Z 200	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1047 with 4 pitches of 250 mm and net width of 1000 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,07 ml Thickness 6/10 mm 2,61 ml Thickness 7/10 mm 3,15 ml Thickness 8/10 mm 3,60 ml Thickness 10/10 mm 4,59 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Cunial, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640296



H40NACZP

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted galvanized steel S250 GD Z150 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1047 with 4 pitches of 250 mm and net width of 1000 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,07 ml Thickness 6/10 mm 2,61 ml Thickness 7/10 mm 3,15 ml Thickness 8/10 mm 3,60 ml Thickness 10/10 mm 4,59 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.953.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
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H40NALNA

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluminium Alloy 3003/3103/3105 H16 - H18	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1047 with 4 pitches of 250 mm and net width of 1000 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 0,63 ml Thickness 6/10 mm 0,90 ml Thickness 7/10 mm 1,26 ml Thickness 8/10 mm 1,53 ml Thickness 10/10 mm 1,89 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - $23,6 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini S.p.A.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Reggio Emilia) - Italy
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H40NALPR

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Prepainted aluminium Alloy 3003/3103/3105 H46 - H48 Side 1: Polyester 18/20 µm - Side 2: primer 5/7 µm	UNI EN 508-2 - UNI EN 485-4 - UNI EN 573-3
Nominal thickness	Minimum nominal thickness 0,6 mm - roofing application Minimum nominal thickness 0,4 mm - other application	UNI EN 14782 - UNI EN 485-4
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1047 with 4 pitches of 250 mm and net width of 1000 mm	
	Dimensional tolerances	UNI EN 508-2 - UNI EN 485-4
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 0,63 ml Thickness 6/10 mm 0,90 ml Thickness 7/10 mm 1,26 ml Thickness 8/10 mm 1,53 ml Thickness 10/10 mm 1,89 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of aluminium thermal expansion - 23,6 x 10 ⁻⁶ C ⁻¹	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
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H40NALZN

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	Natural aluzinc S250 GD AZ 150 - AZ185	UNI EN 508-1 - UNI EN 10346
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 10346
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1047 with 4 pitches of 250 mm and net width of 1000 mm	
	Dimensional tolerances	UNI EN 508-1 - UNI EN 10346
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,07 ml Thickness 6/10 mm 2,61 ml Thickness 7/10 mm 3,15 ml Thickness 8/10 mm 3,60 ml Thickness 10/10 mm 4,59 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of steel thermal expansion - $12 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.

3.2.24. Profile H40N made of INOX 204 2B



Landini S.p.A. di Landini Cav. Mirco
Cap.Soc. € 5.263.200,00 I.V.

Coperture in fibrocemento e metalliche
Camini e condotti in acciaio inox
Contentitori in polietilene per trattamento acque
Canali grigliati

Sede: Via Eugenio Curiel, 27/A - 42024 CASTELNOVO SOTTO (Raggio Emilia) - Italy
C.C.I.A.A. di RE n. 173046 - Rag. Soc. Trib. di RE n. 16414 Cod. Fis. e Part. IVA 01274640266



H40NINOX

DECLARATION OF PERFORMANCE (DoP)

N° 66-G-EN

1. Unique identification code of the product-type:
LAGRECA-H40NINOX (INOX)
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
H40NINOX
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
"Self-supporting metal roof sheets and tiles - Intended use: Roof coverings" Tab ZA. 2 - EN 14782
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
LANDINI s.p.a. di Landini Cav. Mirco - Via Eugenio Curiel, 27/A - Castelnovo di Sotto (RE)
Tel. 0522 / 688811 - Fax 0522 / 688870
commerciale@landinispa.com
www.landinispa.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
External roofs with different use than those listed below 4

External roofs subject to reaction to fire regulations 3 (A1...E)
4 (F)
With reference to the UNI EN 14782 regulation, we noted that the metallic materials with non-organic coating or with polyester coating having a maximum nominal thickness of 25 µm and a PCS up to 1 MJ/m² (included) or a mass ≤ 70 g/m² are considered to satisfy the requirements for reaction to fire performance Class A1 without further testing in accordance with the relevant Commission Decision

External roofs subject to external fire performance regulations 3 (if must satisfy EN 13501)
4
Products covered by this European Standard are considered "deemed to satisfy without the need for testing" in relation to the requirements for external fire performance provided that they meet the definitions given in Commission Decision 2000/553/EC, i.e. flat or profiled metal sheets of nominal thickness ≥ 0,4 mm with any external coating which is inorganic or has a gross calorific value, PCS ≤ 4,0 MJ/m² or a mass ≤ 200 g/m².
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

(name and identification number of the notified body, if relevant)
performed _____ under system _____ (description of the third party tasks as set out in Annex V)
and issued _____ (certificate of constancy of performance, certificate of conformity of the factory production control,
test/calculation reports - as relevant)
Not Applicable
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

(name and identification number of the Technical Assessment Body, if relevant)
issued _____
(reference number of the European Technical Assessment)
on the basis of,
(reference number of the European Assessment Document)
performed _____ under system _____
(description of the third party tasks as set out in Annex V)



Landini S.p.A. di Landini Cav. Mirco
Cap. Soc. € 5.983.990,00 I.V.

Coperture in fibrocemento e metalliche
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H40NINOX

and issued _____

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports - as relevant)

Not Applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Type of metal	INOX AISI 304 2B: X5 CrNi 18 10 + 2B - 1.4301 + 2B	UNI EN 508-3 - UNI EN 9445-2 UNIVEN 10088
Nominal thickness	Minimum nominal thickness 0,4 mm Class 1	UNI EN 14782 - UNI EN 9445-2
Mechanical resistance	Geometry of the product cross-section (ref. current catalogue) H40/1047 with 4 pitches of 250 mm and net width of 1000 mm	
	Dimensional tolerances	UNI EN 508-3 - UNI EN 9445-2
	Resistance of roofing materials to concentrated forces. It represents the maximum span to which the sheet withstands without global collapse at the indicated load and applied in accordance with the regulation Thickness 5/10 mm 2,07 ml Thickness 6/10 mm 2,61 ml Thickness 7/10 mm 3,15 ml Thickness 8/10 mm 3,60 ml	Annex B UNI EN 14782
Water permeability	Waterproof	
Vapour and air permeability	Air and vapour proof	
Dimensional change	Coefficient of stainless steel thermal expansion $17 \times 10^{-6} \text{ C}^{-1}$	
Durability	To be assessed in according to the use	
Reaction to fire	A1 - (CWFT)	UNI EN 13501-1 UNI EN 14782 (5.2)
External fire performance	"deemed to satisfy without the need for testing"	UNI EN 13501-5 UNI EN 14782 (5.1)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Cav. Mirco Landini - Director

Castelnovo Sotto 01/07/2013

Landini s.p.a.