

DECLARATION OF PERFORMANCE

N° MAXISO 01A EN



LR ETANCO SAS

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1. Unique identification code of the product-type :

FM-ISOMAX

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

ETA-08/0094

Batch number: see packaging of the product

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

Generic type and intended use of the product	Nailed-in plastic anchor for fixing external thermal insulation composite system with rendering, diameter Ø8
For use in	Concrete (C16/20 to C50/60 according to EN 206-1:2003) Solid and Hollow masonries
Option / category	ETAG 014 categories A – B – C
Loading	Wind suction loads
Material	Anchor sleeve : Polypropylene, Borealis BD310MO Nail : Steel, electro-galvanized $\geq 5 \mu\text{m}$ according to EN ISO 4042 ($f_{uk} = 660 \text{ N/mm}^2$)

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

FRIULSIDER S.p.A.
Via Trieste 1
33048 San Giovanni al Natisone (UD)
Italy

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

Not relevant

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

System 2+

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

Not relevant

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

Z.A.G. approval body issued ETA-08/0094 on the basis of 'ETAG 014.
Z.A.G. notified body n°1404 issued according to system 2+ the certificate of conformity n° 1404-CPD-1352.

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9. Declared Performances:

Essential characteristics – ETAG 014 categories A – B – C			Performance
Intended use			Ø 8
d ₀	Nominal diameter of drill bit	[mm]	8
h _{ef}	Effective anchorage depth	[mm]	55
h ₁	Depth of drill hole	[mm]	70
d _n	Accompanying expansion nail	[mm]	5
L _n	Length of nail	[mm]	L _a ²⁾
d _r	Diameter of the collar	[mm]	60
h _d	Thickness of insulation	[mm]	L _a ²⁾ – t _{tol} ³⁾ – h _{ef}
s _{min}	Minimum spacing	[mm]	100
c _{min}	Minimum edge distance	[mm]	100
h _{min}	Minimum thickness of member	[mm]	100
Characteristic resistance to tension loads in concrete (C16/20 – C50/60)			
N _{Rk}	Characteristic resistance	[kN]	0,4
γ _M ¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in solid clay brick (HD 250x12x65)			
	Minimum compressive strength	[Mpa]	28,2
N _{Rk}	Characteristic resistance	[kN]	0,3
γ _M ¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in vertically perforated clay brick (LD 290x190x190) according to EN 771			
	Minimum compressive strength	[Mpa]	13,3
	Exterior web thickness	[mm]	≥ 9
N _{Rk}	Characteristic resistance	[kN]	0,3
γ _M ¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in vertically perforated clay brick (with mortar pocket PTH 38 S LD 250x380x238) according to EN 771			
	Minimum compressive strength	[Mpa]	12,4
	Exterior web thickness	[mm]	≥ 10
N _{Rk}	Characteristic resistance	[kN]	0,3
γ _M ¹⁾	Partial safety factor	[-]	2,0

¹⁾ In absence of other national regulations; ²⁾ length of the anchor; ³⁾ thickness of equalizing layer or non-load bearing coating.

We inform you that Friulside is classified in the EC 1907/2006 Reach Directive as a Downstream-user of substances. The product supplied does not contain substances classified as SVHC according to the Candidate List in a concentration equal or greater than 0.1% (weight / weight). Article 31 is not applicable to the present product.

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

Signed for and behalf of the manufacturer by:

Benoit Cheramy Product Manager	Le Pecq – France, 2013-06-21	
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