

DECLARATION OF PERFORMANCE

N° ISOPLUS 01B EN



LR ETANCO SAS

Parc les Erables – Bât 1 – 66 route de Sartrouville – BP 49 – 78231 LE PECQ Cedex – France

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1. Unique identification code of the product-type :

FM-ISOPLUS

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

ETA-13/0414

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	Screwed-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 category A – B – C – E + TR 025 and TR 026
Loading	Wind suction loads
Material	Anchor sleeve : Polypropylene, Borealis BD310MO Screw : Steel, electro-galvanized $\geq 5 \mu\text{m}$ according to EN ISO 4042 ($f_{u,\text{min}} = 490 \text{ N/mm}^2$)
Thermal resistance	$\chi_s = 0 \text{ W/K}$
Resistance and rigidity of the anchor plate	$N_{0,m} = 0,7 \text{ kN/mm}$ $N_{u,m} = 1,4 \text{ kN}$

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

LR ETANCO
66 route de Sartrouville – BP49
78231 Le Pecq Cedex
France

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-13/0414 on the basis of 'ETAG 014, TR 025 and 026.
Z.A.G. notified body n°1404 issued according to system 2+ the certificate of conformity n° 1404-CPD-1996.

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9. Declared Performances:

Essential characteristics – ETAG 014 categories A – B – C – E			Performance
Intended use			Ø 8
d₀	Nominal diameter of drill bit	[mm]	8
h_{ef}	Effective anchorage depth	[mm]	50
h₁	Depth of drill hole	[mm]	75
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]	1,2
γ_M¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in solid clay brick according to EN 771-1			
	Minimum compressive strength	[Mpa]	35,0
N_{Rk}	Characteristic resistance	[kN]	1,2
γ_M¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in vertically perforated clay brick (Modul bloc 6/1) according to EN 771-1			
	Minimum compressive strength	[Mpa]	14,4
N_{Rk}	Characteristic resistance	[kN]	0,5
γ_M¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in clay brick (Porotherm 38 S LD) according to EN 771-1			
	Minimum compressive strength	[Mpa]	13,1
N_{Rk}	Characteristic resistance	[kN]	1,2
γ_M¹⁾	Partial safety factor	[-]	2,0
Characteristic resistance to tension loads in autoclaved aerated concrete blocks according to EN 771-4			
	Minimum compressive strength	[Mpa]	2,5
N_{Rk}	Characteristic resistance	[kN]	0,6
γ_M¹⁾	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 LR ETANCO SAS 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, 2013-09-01	
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