



DECLARATION OF PERFORMANCE

Nº: 16-59AL



1. Unique identification code of the product-type/batch number or other identification element

Impermax Polyurea H Flex Alum
Bridge deck liquid waterproofing component
Batch number on each label

2. Intended use

Bridge deck liquid waterproofing

3. Manufacturer

Krypton Chemical
C/Martí i Franquès, 12
43890, L'Hospitalet de l'Infant (Tarragona, Spain)

4. Systems of assessment of verification of constancy of performance

2+

5. Harmonized standard

Non applicable

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

Approval body IETCC issued an ETA-16/0149 based on ETAG 033:2010.
Nº1219

7. Notified body

Instituto de Ciencias de la Construcción Eduardo Torroja (IETCC)

8. Declared performance

Characteristic	Method	Condition test	Values
Bond strength to support	EN 13596	P1, S0, T5	>1 MPa
Bond strength to support after heat impact		P1, S1, T5	>1 MPa
Tensile stress (initial /heat impact, heat ageing 10mm/min 23°C / 1mm/m - 10°C	EN 527-2, 1B	P1, S0/S1, T5	5 /12
Elongation (initial /heat impact, heat ageing 10mm/min 23°C / 1mm/m - 10°C		P1, S0/S1, T3	15 /15
Resistance to chloride ion penetration	TR 22	P1, S0, T5	Pass (<0,04%)
Resistance to compaction (160°C)	EN 14692 (met 2)	P1, S1.3, T5	Pass
Resistance to perforation (23°C)	TR 006	P1, S0, T5	Pass (I4)
Resistance shear to support/overlay (mastic asphalt (220°C)	EN 13653	P1, S1.2.2, T5	0,4 MPa
Resistance shear to support/overlay (coarse bituminous mixture 160°C)		P1, S1.2.3, T5	0,2 MPa
Watertightness (23°C)	EN 14694	P1, S0, T5	Pass
Bond strength to overlay (220°)	EN 13596	P1, S1.2.2, T5	0,6 MPa



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Bond strength to Coarse bituminous mixture (160°C)		P3, S1.3, T5	0,4 MPa
Resistance to shear to Mastic asphalt (160°C)		P1, S1.2.2, T5	0,25 MPa
High/low service temperature	The effects of low temperature are covered by the capacity to bridge crack		
Resistance to flow	Annex E ETAG 033	P1, S0, T5	Pass
Minimum thickness	2.7 mm		
The effects of climatic conditions on application (Minimum application temperature: 5°C, Maximum application temperature: 40°C) Bond strength to support	Annex E ETAG 033	P1, S0, T5	Pass
Bond strength to moisture support	Not relevant the concrete support must have a humidity $\leq 4\%$		
Bond strength to day joints, (24h, 48h)		P4, S0, T5	>1 MPa
Bond strength to section joints (7d UV)		P4, S0, T5	>1 MPa

The performance of the product identified in points 1 and 2 is in conformity with the performance declared in point 8. This Declaration of Performance (DoP) is issued according of Regulation (EU) 305/2011 and under the sole responsibility of the manufacturer identified in point 3.

Signed by Raul Fernandez, Technical Manager on behalf of the manufacturer.

L'Hospitalet de l'Infant, September 9th 2016


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