DECLARATION OF PERFORMANCE

LE_0893220020_03_M_IMPELAST

1. Unique identification code of the product type:

IMPELAST
Art. 0893220020, 0893220023, 0893220024, 0893220520, 0893220523

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

batch number: see packaging

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

LIQUID-APPLIED WATERPROOFING PRODUCT - CONCRETE SURFACE PROTECTION COATING (C) SUITABLE FOR PROTECTION AGAINST INGRESS, SUITABLE FOR MOISTURE CONTROL, SUITABLE FOR INCREASING RESISTIVITY

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

Würth International AG
Aspermontstrasse 1
CH-7000 Chur

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 3 (EN 14891:2012)
System 4 /System 3 for reaction to fire (EN1504-2:2004)

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

MODENA CENTRO PROVE - No. 1599 (EN 14891:2012)
EN 1504-2:2004

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

Not relevant

9. Declared performance:

Essential characteristics	Performances	Harmonized standard
Initial tensile adhesion strength	≥ 0.5 MPa	EN 14891:2012
Tensile adhesion strength after heat ageing	≥ 0.5 MPa	EN 14891:2012
Tensile adhesion strength after water immersion	≥ 0.5 MPa	EN 14891:2012
Tensile adhesion strength after contact with lime water	≥ 0.5 MPa	EN 14891:2012
Tensile adhesion strength after freeze-thaw cycles	≥ 0.5 MPa	EN 14891:2012
Water impermeability	no penetration	EN 14891:2012
Crack bridging ability in standard conditions	≥ 0.75 mm	EN 14891:2012
Crack bridging ability at low temperature (-5° C)	≥ 0.75 mm	EN 14891:2012
Release of dangerous substances	See Safety Data Sheet (SDS)	

Essential characteristics	Performances	Harmonized standard
Permeability to CO_2	S_D > 50 m	EN 1504-2:2004
Water vapor permeability	CLASS I (S_D < 5 m)	EN 1504-2:2004
Capillary absorption and water permeability	w < 0,1 Kg/m²· h 0,5	EN 1504-2:2004
Bond strength by pull off test	≥ 0,8 MPa	EN 1504-2:2004
Freeze-thaw cycling without de-icing salt immersion	≥ 0,8 MPa	EN 1504-2:2004
Exposure to artificial atmospheric agents	No visible defects	EN 1504-2:2004
Crack bridging properties	Class A5 (23° C) Class A5 (0° C) Class A5 (-5° C)	EN 1504-2:2004
Reaction to fire	Euroclass E	
Release of dangerous substances	See Safety Data Sheet (SDS)	

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:
Würth International AG

Heinrich-Michael Faust
10.06.2022 10:38:42 [UTC+2]
Managing Director

Alexis Peñaloza
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Product Manager