

# DECLARATION OF PERFORMANCE

Regulation (EU) no 305/2011

## **FLUIDMEMBRANE\_DOP\_14891\_2102**

1. Unique identification code of the product-type:

**FLUID MEMBRANE**

2. Intended use/es:

**EN 14891:2012 - Dispersion liquid-applied water impermeable product with improved crack bridging ability at low temperature (-5 °C), beneath ceramic tiling bonded with adhesive (DM O1)**

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**EN 1504-2:2004 - Product for surface protection for concrete. Principles: PI (1.3 coating) - MC (2.2 coating) - IR (8.2 coating)**

*EN 1504-2:2004 - Product for surface protection for concrete. Principles: PI (1.3 coating) - MC (2.2 coating) - IR (8.2 coating)*

3. Manufacturer:

**ROTHO BLAAS SRL - via dell'Adige 2/1 - 39040 Cortaccia (BZ) - Italy**

5. System/s of AVCP:

**EN 14891:2012 - System 3**

**EN 1504-2:2004 - System 4**

6a. Harmonised standard:

**EN 14891:2012 Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation**

*EN 14891:2012 Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation*

**EN 1504-2:2004 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete**

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Notified Body/ies:

**EN 14891: SOCOTEC Italia S.r.l. (NB 1308)**

**EN 1504-2: /**

7. Declared performance/s:

**see next page**

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

**FLUIDMEMBRANE\_CPR\_14891\_2102**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



**Luca Sestigiani**

**Technical Director**

Cortaccia, 01.02.2021

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**ROTHO BLAAS SRL**

7. Declared performance/s:

Essential characteristics	Performance/s	Harmonised technical specification
Initial tensile adhesion strength	≥ 0.5 N/mm <sup>2</sup>	EN 14891:2012
Tensile adhesion strength after water contact	≥ 0.5 N/mm <sup>2</sup>	
Tensile adhesion strength after heat ageing	≥ 0.5 N/mm <sup>2</sup>	
Tensile adhesion strength after contact with lime water	≥ 0.5 N/mm <sup>2</sup>	
Waterproofing	no penetration	
Crack Bridging Ability (at -5 °C)	≥ 0.75 mm	
Tensile adhesion strength after freeze- thaw cycles	≥ 0.5 N/mm <sup>2</sup>	
Release of dangerous substances (Regulation (EU) no 1907/2006)	see SDS	
Permeability to CO <sub>2</sub>	S <sub>D</sub> > 50 m	EN 1504-2:2004
Water vapour permeability	< 5 m I class	
Capillary absorption and permeability to water	w < 0.1 Kg/m <sup>2</sup> ·h <sup>0,5</sup>	
Adhesion strength by pull off test	≥ 1 N/mm <sup>2</sup>	
Release of dangerous substances (Regulation (EU) no 1907/2006)	see SDS	
Reaction to fire	npd	