

DECLARATION OF PERFORMANCE: N° RC018-CPR

1. **Identification code:** **BETONGUAINA**

2. **Type, batch or serial number:**

Batch number: see the packaging

3. **Intended use or uses of the construction product**, in compliance with **EN 1504-2:2004** - Appendix ZA.1d + ZA.1e – Products for surface protection – (Protection against penetration hazard + Moisture control and Increasing resistivity).

Elastic liquid membrane for surface protection of concrete.

4. **Manufacturer:**

NORD RESINE SpA
Via Fornace Vecchia, 79 – 31058 Susegana (TV)
P.I. IT02169750268

5. **System or systems of assessment and verification of constancy of performance of the construction product:** **SYSTEM 2+**

SYSTEM 4 for fire reaction

6. **Notified Body:** **ICMQ S.p.A. (identification number: 1305)**

Issued the certification of compliance (**number: 1305-CPR-1167**) of factory production control and performed the:

- a) Initial inspection of the manufacturing plant and of factory production;
- b) Continuous surveillance, assessment and evaluation of factory production control.

7. **Declared Performance:**

ESSENTIAL CHARACTERISTICS	PERFORMANCE	TECHNICAL SPECIFICATION
CO ₂ Permeability	SD > 50 m	EN 1504-2 :2004
Water vapour permeability	class I	
Capillary absorption and permeability to water	w < 0,1 Kg/(m ² x h ^{0,5})	
Adhesion strength by pull off test	≥ 0,8 N/mm ²	
Reaction to fire	Class F	
Release of dangerous substances	See Safety Sheet	

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

CE MARK

IN COMPLIANCE WITH CPR 305/2011 AND WITH EN 1504-2

 1305	NORD RESINE SpA Via Fornace Vecchia, 79 – 31058 Susegana (TV)
14 No. RC018-CPR EN 1504-2	
BETONGUAINA	
Two components coating for concrete surface protection against penetration hazard + Moisture control and Resistance increase	
CO ₂ Permeability	SD > 50 m
Water vapour permeability	class I
Capillary absorption and permeability to water	$w < 0,1 \text{ Kg}/(\text{m}^2 \times \text{h}0,5)$
Adhesion strength by pull off test	$\geq 0,8 \text{ N}/\text{mm}^2$
Reaction to fire	Class F
Release of dangerous substances	See Safety Sheet

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

DECLARATION OF PERFORMANCE: N° RC018-CPR

1. **Identification code:** **BETONGUAINA**
2. **Type, batch or serial number:**
Batch number: see the packaging
3. **Intended use or uses of the construction product**, in compliance with **UNI EN 14891:2012** - Appendix ZA.1 – Waterproof product (two-components) for liquid application, cement based modified with polymer (CM O2P). Suitable for every external setup and for pools underneath ceramic tiles (to be pasted with adhesive C2 according with EN 12004).
4. **Manufacturer:**

NORD RESINE SpA
Via Fornace Vecchia, 79 – 31058 Susegana (TV)
P.I. IT02169750268

5. **System or systems of assessment and verification of constancy of performance of the construction product:** **SYSTEM 4 +**
SYSTEM 3 for waterproofing
6. The **Notified Test Laboratory MODENA CENTRO PROVE** (identification number: **1599**) issued the certification of compliance number: **20146084/1** related to the initial type test.
7. **Declared Performance:**


ESSENTIAL CHARACTERISTICS	PERFORMANCE	TECHNICAL SPECIFICATION
Adhesion for initial traction *	≥0,5 N/mm ²	EN 14891:2012
Water permeability	No penetration	
Crack bridging capacity: - at standard conditions (+23°C) - at lowest temperature (-20°C)	≥0,75 mm ≥0,75 mm	
Durability for adhesion to traction *: - after thermal ageing - after water immersion - after contact with limewater - after freezing-thawing cycles	≥0,5 N/mm ² ≥0,5 N/mm ² ≥0,5 N/mm ² ≥0,5 N/mm ²	
Release of dangerous substances	See Safety Sheet	

*tests executed with adhesive BETON-H1

5. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

CE MARK

IN COMPLIANCE WITH CPR 305/2011 AND WITH EN 14891:2012

 1599	<p align="center">NORD RESINE SpA <i>Via Fornace Vecchia, 79 – 31058 Susegana (TV)</i></p>	
	<p align="center">14 No.RC018-CPR EN 14891</p>	
<p align="center">BETONGUAINA</p>		
<p align="center">Two components waterproofing for liquid application, for every kind of exterior application underneath ceramic tiles (to be pasted with adhesive type C2 according with EN 12004).</p>		
Adhesion strength by pull off test	≥0,5 N/mm ²	
Water permeability	No penetration	
Crack bridging capacity: - at standard conditions (+23°C) - at lowest temperature (-20°C)	≥0,75 mm ≥0,75 mm	
Durability for adhesion to traction :		
- after thermal ageing	≥0,5 N/mm ²	
- after water immersion	≥0,5 N/mm ²	
- after contact with limewater	≥0,5 N/mm ²	
- after freezing-thawing cycles	≥0,5 N/mm ²	
Release of dangerous substances	See Safety Sheet	

Susegana, 28th December 2015

Lionello Caregnato
 (Chief Executive Officer)

