



Declaration of Performance (DOP)

In accordance with EU Construction Products Regulation no. EU 305/2011

The method consists of a primer and a mass:

ElaProof Primer

ElaProof™

1. Unique identification code of the product-type:

EN 1504-2; ZA 1d, ZA 1e and ZA 1f

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

Batch number: see packaging of the product

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

EN1504-2

Protective and repair agents for concrete structures and their combinations.

Part 2. Concrete surface protection (coating)

Ingress protection (1.3)

Moisture control (2.2)

Physical resistance (5.1)

Increasing resistivity (8.2.)



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

ElaProof™

**Build Care Oy
Kelatie 6
FI-01450 Vantaa, Finland**

5. Authorized representative according to Article 12 (2):

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6. System of AVCP

**System 4
System 3 (Reaction to fire)**

7. Harmonized standard:

EN 1504-2:2005

Eurofins Expert Services, notified body number 0809, laboratory has carried out the determination of the product-type on the basis of type testing. Test report number is EUFI29-20002140-T1 and reaction to fire report no. VTT-S-05022-17. This product complies with the requirements of the harmonized standard EN 1504-2:2005.

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

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9. Declared performance

A system consisting of the following:

Primer ElaProof Primer
Mass ElaProof

| Essential characteristics | Performance | Test standard | Harmonized technical specifications |
|---------------------------------------------|------------------------------------------------------------|----------------------------------------|-------------------------------------|
| Reaction to Fire | C-s1, d0 B_{ROOF} (t2) | EN13501-1:2007 + A1:2009 EN 13501-5 | EN1504-2:2005 |
| Capillary absorption and water permeability | $W < 0,1 \text{ kg/m}^2 \times h^{0,5}$ Class W_3 | EN1062-3 | |
| Water vapor permeation | $S_d < 5\text{m}$, class I | EN ISO 7783 | |
| Crack bridging ability | A4 (- 20 °C) A5 (+ 22 °C) | EN 1062-7, Method A | |
| Tensile strength | $>1,5 \text{ N/mm}^2$ | EN1542 | |
| Abrasion resistance | $< 3000 \text{ mg}$ | EN ISO 5470-1 | |
| Impact resistance | Class I | EN ISO 6272-1 | |

10. The performance of the product identified in point 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:

Vantaa, 2nd of September 2020

Minna Lahtinen

CTO | Build Care Oy