

## DECLARATION OF PERFORMANCE

according to Annex III of the Regulation (EU) No 305/2011 for the system

### ERADUR ESD MASSIV SL

consisting of

### ERADUR PRIMER N, ERADUR ESD PRIMER 1, ERADUR ESD MASSIV SL

1. Unique identification code of the product-type:

**EN 13813: SR – B2,0 – AR0,5 – IR18**

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 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:

**EN 13813: Synthetic resin screed for internal uses.**

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

**ERADUR AB  
Granitgatan 11  
SE-254 68 HELSINGBORG**

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:

**EN 13813: System 4  
System 4 (for internal uses subject to reaction to fire regulations)**

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

Notified body: INSTYTUT TECHNIKI BUDOWLANEJ (ITB), identification number 1488

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. Performance in system

|      | Essential characteristics   | Performance   | Harmonised Technical Specification                |
|------|---|---|---|
|      |   | ESD MASSIV SL   |   |
| 1    | Linear shrinkage, %   | $\leq 0,1$  | ZURT-15/VIII.24/2008                              |
| 2    | Flexural strength, MPa  | $\geq 20,0$ (class F20)   | EN 13892-2: 2004                                  |
| 3    | Compressive strength, MPa   | $\geq 80,0$ (class C80)   | EN 13892-2: 2004                                  |
| 4*   | Tensile strength, MPa   | $\geq 23,0$   | EN ISO 527-1:1998                                 |
| 5*   | Elongation at break, %  | $\geq 0,3$  | EN ISO 527-1:1998                                 |
| 6    | Hardness, MPa   | $\geq 100,0$ (class SH100)  | EN 13892-6: 2004                                  |
| 7*   | Water absorption, %   | $0,32 \pm 10\%$   | EN ISO 62:2000                                    |
| 8    | Adhesion to concrete substrate, MPa   | $\geq 3,0$ (class B2,0)   | EN 13892-8: 2004                                  |
| 9*   | Abrasion resistance   | $\geq 5000$   | p. 5.6.3  |
| 10   | Abrasion resistance BCA, $\mu\text{m}$  | $\leq 50,0$ (class AR0,5)   | EN 13892-4: 2004                                  |
| 11*  | Kinetic friction coefficient:<br>- In dry condition<br>- In humid condition<br>- on greasy surface  | $\geq 0,38$<br>$\geq 0,18$<br>$\geq 0,07$   | p.5.6.4   |
| 12*  | Impact resistance:<br>- Surface of the impression, $\text{mm}^2$<br>- Appearance of surface after test  | $\leq 60$<br>unchanged  | p.5.6.5   |
| 13   | Impact resistance, Nm   | $\geq 18$ (class IR18)  | EN ISO 6272-1:2005                                |
| 14   | Chemical resistance after 28 days of operation, %<br>- Sodium hydroxide (20%)<br>- Coolant  | CR11 (class II)   | EN 13529:2005                                     |
| 15*  | Coefficient of linear expansion, heat $1^\circ\text{C}$   | $\leq 90 \times 10^{-6}$  | PN-82/C-89021                                     |
| 16*  | Abrasion according to Böhme, mm   | $\leq 0,9$  | PN-84/B-04111                                     |
| 17** | Non-slip, performance class   | not relevant  | ZURT-15/VIII.24/2008                              |
| 18   | Emissions of volatile organic compounds (VOC) - the time required to achieve acceptable levels of harmful substances, h                       | $\leq 24$   | ZURT-15/VIII.24/2008                              |
| 19   | Frost resistance after 25 cycles, %<br>- visual evaluation<br>- weight loss<br>- change in flexural strength<br>- change in pressure strength | No evidence of damage<br>$\leq 1,0$<br>$\leq 5,0$<br>$\leq 15,0$                    | PN-85/B-04500                                     |
| 20   | Resistance to artificial aging, levels of gray scale  | 2-3<br>allowable uniform discoloration (darkening, yellowing)                       | p.5.6.6   |
| 21   | Fire rating, reaction to fire   | $B_{fl} - s1$   | EN 13501-1 +A1:2010                               |
| 22*  | Properties for protection against static build:<br>- Leak resistance $R_u$ , $\Omega$<br>- Surface resistivity $\rho_s$ , $\Omega$            | $R_u \leq 1 \times 10^6$<br>$\rho_s \leq 1 \times 10^{10} - \rho_s > 1 \times 10^7$ | E-05203:1992<br>E-05200:1992<br>EN 61340-4-1:2006 |

\* property specified in the approval process are not subject to type testing of finished products.

\*\* property specified for non-slip flooring.

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:



Gustaf Peters

Helsingborg 2025-07-01