

DECLARATION OF PERFORMANCE

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

ERADUR ESD STRUKTUR

consisting of

ERADUR PRIMER N, ERADUR ESD PRIMER 1, ERADUR BINDER, ERADUR TOPPLACK

1. Unique identification code of the product-type:

EN 13813: SR – B2,0 – AR0,5 – IR10

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 trademark 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 STRUKTUR	
1	Linear shrinkage, %	≤ 0,1	ZURT-15/VIII.24/2008
2	Flexural strength, MPa	≥ 20,0 (class F20)	EN 13892-2: 2004
3	Compressive strength, MPa	≥ 80,0 (class C80)	EN 13892-2: 2004
4*	Tensile strength, MPa	≥ 28,0	EN ISO 527-1:1998
5*	Elongation at break,%	≥ 0,05	EN ISO 527-1:1998
6	Hardness, MPa	≥ 100,0 (class SH100)	EN 13892-6: 2004
7*	Water absorption, %	0,55 ± 10%	EN ISO 62:2000
8	Adhesion to concrete substrate, MPa	≥ 3,0 (class B2,0)	EN 13892-8: 2004
9*	Abrasion resistance	≥ 5000	p. 5.6.3
10	Abrasion resistance BCA, µm	≤ 50,0 (class AR0,5)	EN 13892-4: 2004
11*	Kinetic friction coefficient: - In dry condition - In humid condition - on greasy surface	≥ 0,34 ≥ 0,28 ≥ 0,11	p.5.6.4
12*	Impact resistance: - Surface of the impression, mm ² - Appearance of surface after test	≤ 55 unchanged	p.5.6.5
13	Impact resistance, Nm	≥ 15 (class IR15)	EN ISO 6272-1:2005
14	Chemical resistance after 28 days of operation, % - Sodium hydroxide (20%) - Coolant	CR11 (class II)	EN 13529:2005
15*	Coefficient of linear expansion, heat 1/°C	≤90 x 10 ⁻⁶	PN-82/C-89021
16*	Abrasion according to Böhme, mm	≤ 1,4	PN-84/B-04111
17**	Non-slip, performance class	R11	ZURT-15/VIII.24/2008
18	Emissions of volatile organic compounds (VOC) - the time required to achieve acceptable levels of harmful substances, h	≤24	ZURT-15/VIII.24/2008
19	Fire rating, reaction to fire	C _{fl} – s1	EN 13501-1 +A1:2010
20*	Properties for protection against static build: - Leak resistance R _u , Ω - Surface resistivity p _s , Ω	R _u ≤ 1x10 ⁶ p _s ≤ 1x10 ¹⁰ – p _s > 1x10 ⁷	E-05203:1992 E-05200:1992 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:

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Tomas Bergström

Helsingborg 2013-07-01