

DECLARATION OF PERFORMANCE

No. 01704

1. Unique identification code of the product-type: Ceresit CR 166

2. Intended use/es: Product for concrete surface protection. Layer application. Structural and non-structural repairs in buildings and engineering work. Ingress protection, moisture

control, chemical resistance, increasing electrical resistivity

Manufacturer: 3.

5.

Henkel Polska Operations Sp. z o.o., ul. Domaniewska 41, 02-672 Warszawa,

N/A

4. Authorised representative:

System/s of assessment and verification of

constancy of performance:

System 2+/3

6a. Harmonised standard/s: EN 1504-2:2004 EN 14891:2012

Notified body/ies:

Instytut Techniki Budowlanej no 1488 Instytut Techniki Budowlanej, zakład Certyfikacji 1488-CPR-0658/Z Instytut Ceramiki i Materiałów Budowlanych, w Krakowie, no 1487

6b. European Assessment Document:

European Technical Assessment:

Technical Assessment Body:

N/A N/A

Notified body/is:

N/A N/A

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E, E _f Class	
Compressive strength	NPD	1
Linear contraction	NPD	1
Coefficient of thermal expansion	NPD	1
Adhesion by incision	NPD	1
CO ₂ permeability	S _D > 50 m	1
Water vapour permeability µ	Class I; S _D < 5 m	1
Capillary absorption and water permeability	W < 0,1 kg/m ² *h ^{0,5}	
Resistance to thermal shock	NPD	1
Chemical resistance	NPD	EN 1504 3:2004
Resistance to strong chemical aggression	Class II	EN 1504-2:2004
Adhesion after thermal compatibility	≥ 0,8 N/mm ²	
Crack briding ability	NPD	
Adhesion strength during tear off	systems with the ability to scratches bridging or flexible without move burden: ≥ 0,8 [N/mm²]	ii.
Slip resistance	NPD	
Artificial aging	NPD]
Antistatic properties	NPD]
Adhesion to wet concrete	NPD]
Choride ion diffusion	NPD	
Initial tensile adhesion strength	≥ 0,5 N/mm ²	
Tensile adhesion strength after water contact	≥ 0,5 N/mm²	
Tensile adhesion strength after heat ageing	≥ 0,5 N/mm²	
Tensile adhesion strength after freeze-thaw cycles	≥ 0,5 N/mm²	EN14891;2012
Tensile adhesion strength after contact with lime water	≥ 0,5 N/mm²	
Waterproofing	No penetration ≤20g weight gain	
Crack bridging ability under standard conditions	≥ 0,75 mm	



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.

Malgorzata Lipnicka AC Global PD TG Inorganic Mineral Adhesive & Coating		Piotr Urynek Quality Manager CEE No	Piotr Urynek Quality Manager CEE North	
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