Construction Products Group Europe

Declaration of Performance

According Annex III of the Regulation (EU) No 305/2011
Amended by Commisions delegated Regulation (EU) No 574/2014

No: FL-00019

For the system build-up: Deckshield Rapide ED2 consisting of:

Primer: Deckshield Rapide Standard Primer, ~~Deckshield Rapide Primer~~ or ~~–~~ Deckshield Rapide Damp Primer + aggregate scatter

Membrane Deckshield Rapide Membrane

Main layer: Deckshield Rapide Flexible Binder + ~~HD Filler~~SNL Filler or LDE filler + aggregate scatter

Topcoat: Deckshield Rapide Topcoat

as described in our technical datasheets and application instruction guide.

1. Unique identification code of the product type:

   Deckshield Rapide ED2

2. Intended use/es:

   Surface Protection System for Concrete

3. Manufacturer:

   Alteco Technik GmbH
   Raiffeisenstrasse 16, D-27239 Twistringen
   Germany

4. System/s of AVCP

   System 2+
   System 3 (Reaction to Fire)

Formatat: Sagnia: Esquerra: 0 cm, Sagnia francesa: 2,5 cm

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5. A) Harmonised standard

EN 1504-2:2004

B) Notified body

CE **KIWA Polymer Institute number 1119-CPR-1190**

UKCA **KIWA ltd. 6695~~N/A~~**

6. Declared performance/s for Deckshield Rapide ED2

Essential characteristics	Performance	Harmonized technical specification
Abrasion Resistance (Taber test)	< 3000 mg	EN 1504-2:2004
Permeability to CO_2	S_D > 50 m	
Permeability to water vapour	Class III	
Capillary absorption and permeability to water	w < 0,1 (kg/(m² x $h^{0,5}$))	
Resistance to severe chemical attack	Class I	
Crack bridging properties (method A)	Class A4 (-20°C)	
Crack bridging properties (method B3.2.)	No cracks (-20°C)	
Slip resistance	Class III	
Impact resistance	Class III	
Adhesion strength by pull-off test	≥ 2 N/mm²	
Adhesion test after freeze cycling and thunder-shower cycling	≥ 1,5 N/mm²	
Artificial weathering	no blistering / cracking / flaking after 2000 h of artificial weathering	
Reaction to Fire	B_{fl} – s1	

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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.

Signed on behalf of the manufacturer by:

Maik Blohm

At Twistringen, Germany on 13.12.2022~~20.07.2021~~

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(authorised signature)

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CE-marking

CE	
1119	
Alteco Technik GmbH Raiffeisenstrasse 16, D-27239 Twistringen, Germany	
Deckshield Rapide ED2	
20	
1119-CPR-1190	
EN 1504-2:2004	
DoP no FL-00019	
Surface Protection System for Concrete	
Abrasion Resistance (Taber test)	< 3000 mg
Permeability to CO2	S_D > 50 m
Permeability to water vapour	Class II
Capillary absorption and permeability to water	w < 0,1 (kg/(m² x $h^{0,5}$))
Resistance to severe chemical attack	Class I
Crack bridging properties (method A)	Class A4 (-20°C)
Crack bridging properties (method B3.2.)	No cracks (-20°C)
Slip resistance	Class III
Impact resistance	Class III
Adhesion strength by pull-off test	≥ 2 N/mm²
Adhesion test after freeze cycling and thunder-shower cycling	≥ 1,5 N/mm²
Artificial weathering	no blistering / cracking / flaking after 2000 h of artificial weathering
Reaction to Fire	B_{fl} – s1

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UKCA-marking

UK CA	
66951119	
Alteco Technik GmbH Raiffeisenstrasse 16, D-27239 Twistringen, Germany	
Deckshield Rapide ED2	
21	
EN 1504-2:2004	
DoP no FL-00019	
Surface Protection System for Concrete	
Abrasion Resistance (Taber test)	< 3000 mg
Permeability to CO2	S_D > 50 m
Permeability to water vapour	Class II
Capillary absorption and permeability to water	w < 0,1 (kg/(m² x $h^{0,5}$))
Resistance to severe chemical attack	Class I
Crack bridging properties (method A)	Class A4 (-20°C)
Crack bridging properties (method B3.2.)	No cracks (-20°C)
Slip resistance	Class III
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