

Declaration of Performance

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

No: **FL-00021**

For the system build-up: Deckshield Rapide ED3 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 + 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 ED3

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)**

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~~**ED3**

| Essential characteristics | Performance | Harmonized technical specification |
|---|--|------------------------------------|
| Abrasion Resistance (Taber test) | < 3000 mg | EN 1504-2:2004 |
| Permeability to CO ₂ | $S_D > 50 \text{ m}$ | |
| Permeability to water vapour | Class III | |
| Capillary absorption and permeability to water | $w < 0,1 \text{ (kg/(m}^2 \times \text{h}^{0,5})$ | |
| Resistance to severe chemical attack | Class I | |
| Crack bridging properties (method A) | Class A5-A3 (-20°C) (as a wearing layer) | |
| Crack bridging properties (method B4.2.) | No cracks (-20°C) | |
| Slip resistance | Class III | |
| Impact resistance | Class III | |
| Adhesion strength by pull-off test | $\geq 2 \text{ N/mm}^2$ | |
| Adhesion test after freeze cycling and thunder-shower cycling | $\geq 1,5 \text{ N/mm}^2$ | |
| Artificial weathering | no blistering / cracking / flaking after 2000 h of artificial weathering | |
| Reaction to Fire | B_{fl} – s1 | |

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 ~~2013.12~~2024.07.24

(authorised signature)

CE-marking

| | |
|--|--|
| CE | |
| 1119 | |
| Alteco Technik GmbH Raiffeisenstrasse 16, D-27239 Twistringen, Germany | |
| Deckshield Rapide ED3 | |
| 20 | |
| 1119-CPR-1190 | |
| EN 1504-2:2004 | |
| DoP no FL-00021 | |
| Surface Protection System for Concrete | |
| Abrasion Resistance (Taber test) | < 3000 mg |
| Permeability to CO ₂ | $S_D > 50 \text{ m}$ |
| Permeability to water vapour | Class III |
| Capillary absorption and permeability to water | $w < 0,1 \text{ (kg/(m}^2 \times \text{h}^{0.5})$ |
| Resistance to severe chemical attack | Class I |
| Crack bridging properties (method A) | Class A3 <u>A3</u> (-20°C) (as a wearing layer) |
| Crack bridging properties (method B3 <u>B4</u> .2.) | No cracks (-20°C) |
| Slip resistance | Class III |
| Impact resistance | Class III |
| Adhesion strength by pull-off test | $\geq 2 \text{ N/mm}^2$ |
| Adhesion test after freeze cycling and thunder-shower cycling | $\geq 1,5 \text{ N/mm}^2$ |
| Artificial weathering | no blistering / cracking / flaking after 2000 h of artificial weathering |
| Reaction to Fire | B _{fl} – s1 |

UKCA-marking

| | |
|--|--|
| UK CA | |
| 1119 | |
| Alteco Technik GmbH Raiffeisenstrasse 16, D-27239 Twistringen, Germany | |
| Deckshield Rapide ED3 | |
| 22 | |
| EN 1504-2:2004 | |
| DoP no FL-00021 | |
| Surface Protection System for Concrete | |
| Abrasion Resistance (Taber test) | < 3000 mg |
| Permeability to CO ₂ | $S_D > 50 \text{ m}$ |
| Permeability to water vapour | Class III |
| Capillary absorption and permeability to water | $w < 0,1 \text{ (kg/(m}^2 \times \text{h}^{0.5})$ |
| Resistance to severe chemical attack | Class I |
| Crack bridging properties (method A) | Class A3 <u>A3</u> (-20°C) (as a wearing layer) |
| Crack bridging properties (method B3 <u>B4</u> .2.) | No cracks (-20°C) |
| Slip resistance | Class III |
| Impact resistance | Class III |
| Adhesion strength by pull-off test | $\geq 2 \text{ N/mm}^2$ |
| Adhesion test after freeze cycling and thunder-shower cycling | $\geq 1,5 \text{ N/mm}^2$ |
| Artificial weathering | no blistering / cracking / flaking after 2000 h of artificial weathering |
| Reaction to Fire | B _{fl} – s1 |