

Declaration of Performance

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

No: **FL-00039**

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

Primer: Deckshield Rapide Standard Primer or Deckshield Rapide Damp
Primer + ~~aggregate scat~~aggregate scatter

Membrane Deckshield Rapide Membrane

Main layer: Deckshield Rapide Flexible Binder + LDE or SNL 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 ED1

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 **N/A**

6. Declared performance/s for **Deckshield Rapide ED1**

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 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	$\geq 2 \text{ N/mm}^2$	
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 _{f1} – 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 13.12.2022~~1/12/2022~~

(authorised signature)

CE-marking

CE	
1119	
Alteco Technik GmbH Raiffeisenstrasse 16, D-27239 Twistringen, Germany	
Deckshield Rapide ED1	
20	
1119-CPR-1190	
EN 1504-2:2004	
DoP no FL-00039	
Surface Protection System for Concrete	
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Reaction to Fire	B _{fl} – s1

UKCA-marking

UK CA	
41196695	
Alteco Technik GmbH Raiffeisenstrasse 16, D-27239 Twistringen, Germany	
Deckshield Rapide ED1	
21	
EN 1504-2:2004	
DoP no <u>FL-0001900039</u>	
Surface Protection System for Concrete	
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