

DECLARATION OF PERFORMANCE  
according Annex III of the Regulation (EU) No 305/2011  
amended by Commissions delegated Regulation (EU) No 574/2014

of the product Triflex ProDeck  
(consisting of Triflex ProDeck R & Triflex ProDeck S)

No 22120\_1

Unique identification code of the product-type:

No 22120\_1

Intended uses:

**PMMA-Coating within a surface protection system according to EN 1504-2**

Protection against ingress (1.3) <sup>1),2)</sup>

Moisture control (2.2) <sup>1),2)</sup>

Physical resistance (5.1) <sup>1),2)</sup>

Resistance to chemicals (6.1) <sup>1),2)</sup>

Increasing resistivity (8.2) <sup>1),2)</sup>

<sup>1)</sup> Triflex ProDeck System OS 11a

<sup>2)</sup> Triflex ProDeck System OS 11b

Manufacturer:

Triflex GmbH & Co. KG  
Karlstr. 59  
32423 Minden  
Germany

Systems of AVCP:

EN 1504-2: System 2+ (for uses in buildings and civil engineering works)

System 3 (for uses subject to reaction to fire regulations)

Harmonised standard:

EN 1504-2:2005

Notified body:

Kiwa GmbH Niederlassung MPA Berlin-Brandenburg, Nr. 0770

Declared performances:

**EN 1504-2:**

The product is used in surface protection systems shown in the following table 1:

Triflex ProDeck System OS 11a	Triflex ProDeck System OS 11b	Triflex ProDeck System OS 11b
consisting of components		
Triflex Catalyst	Triflex Catalyst	Triflex Catalyst
Triflex Cryl Primer 287 + Triflex ProMesh	Triflex Cryl Primer 287 + Triflex ProMesh	Triflex Pox Primer 116+ + Quartz sand
Triflex ProDeck + Hard grain or Quartz sand	Triflex ProDeck + Hard grain or Quartz sand	Triflex Cryl Primer 287 + Triflex ProMesh
Triflex Cryl Finish 209	Triflex Cryl Finish 209	Triflex ProDeck + Quartz sand Triflex Cryl Finish 209

Table 2: Performances from the systems from table 1

Essential characteristics	Performance	AVCP-system	Harmonised Technical specification
Linear shrinkage	NPD <sup>1)</sup> -5)	System 2+	EN 1504-2: 2005
Compressive strength	NPD <sup>1)</sup> -5)		
Coefficient of thermal expansion	NPD <sup>1)</sup> -5)		
Abrasion resistance	Weight loss < 3000 mg <sup>1)</sup> -5)		
Cross cut	NPD <sup>1)</sup> -5)		
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m <sup>1)</sup> -5)		
Water vapour permeability	Class II <sup>1)</sup> -5)		
Capillary absorption and permeability to water	w < 0,1 kg/m <sup>2</sup> x h <sup>0,5 1)</sup> -5)		
Thermal compatibility	≥ 1,5 (1,0) <sup>6)</sup> N/mm <sup>2 1)</sup> -5)		
Resistance to thermal shock	NPD <sup>1)</sup> -5)		
Chemical resistance	NPD <sup>1)</sup> -5)		
Resistance to severe chemical attac	Class I <sup>1)</sup> -5)		
Crack bridging ability	B3.2 (-20°C) <sup>1)</sup> -5)		
Impact resistance	Class I <sup>1)</sup> -5)		
Adhesion strength by pull off test	≥ 1,5 (1,0) <sup>6)</sup> N/mm <sup>2 1)</sup> -5)		
Skid resistance	Class III <sup>1)</sup> -5)		
Artificial weathering	NPD <sup>1)</sup> -5)		
Antistatic behaviour	NPD <sup>1)</sup> -5)		
Adhesion on wet concrete	NPD <sup>1)</sup> -5)		
Release of dangerous substances	NPD <sup>1)</sup> -5)		
Reaction to fire	Bfl-s1 <sup>1),3),5)</sup> / Cfl-s1 <sup>2),4)</sup>	System 3	

<sup>1)</sup> Triflex ProDeck System OS 11a variant I

<sup>2)</sup> Triflex ProDeck System OS 11a variant II

<sup>3)</sup> Triflex ProDeck System OS 11b variant I

<sup>4)</sup> Triflex ProDeck System OS 11b variant II

<sup>5)</sup> Footnote <sup>3)</sup> with Triflex Pox Primer 116+

<sup>6)</sup> The value in brackets is the lowest accepted value of any reading

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

i.V. Dipl.-Ing. Frank Becker, Technical Director

Minden, 01.11.2019



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