

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 DeckFloor**  
(consisting of Triflex DeckFloor R & Triflex DeckFloor S)

No 22110\_1

Unique identification code of the product-type:

No 22110\_1

Intended uses:

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

Protection against ingress (1.3) <sup>1)-3)</sup>

Moisture control (2.2) <sup>1)-3)</sup>

Physical resistance (5.1) <sup>1)-3)</sup>

Resistance to chemicals (6.1) <sup>1)-3)</sup>

Increasing resistivity (8.2) <sup>1)-3)</sup>

<sup>1)</sup> Triflex DeckFloor System OS 13

<sup>2)</sup> Triflex DeckFloor System OS 8

<sup>3)</sup> Triflex ProPark System OS 10

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 DeckFloor System OS 13 / OS 8	Triflex ProPark System OS 10
consisting of components	
Triflex Catalyst	Triflex Catalyst
Triflex Cryl Primer 287	Triflex Cryl Primer 287
Triflex DeckFloor + Quartz sand or Hard grain	Triflex DeckFloor + Quartz sand or Hard grain
Triflex Cryl Finish 202 or Triflex Cryl M 264 or Triflex Cryl Finish 209	Triflex Cryl Finish 202 or 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) -8)</sup>	System 2+	EN 1504-2: 2005
Compressive strength	NPD <sup>1) -8)</sup>		
Coefficient of thermal expansion	NPD <sup>1) -8)</sup>		
Abrasion resistance	Weight loss < 3000 mg <sup>1) -8)</sup>		
Cross cut	NPD <sup>1) -8)</sup>		
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m <sup>1) -7)</sup> / NPD <sup>8)</sup>		
Water vapour permeability	Class II <sup>1) -6)</sup> / NPD <sup>7),8)</sup>		
Capillary absorption and permeability to water	w < 0,1 kg/m <sup>2</sup> x h <sup>0,5 1) -6)</sup> / NPD <sup>7),8)</sup>		
Thermal compatibility	≥ 2,0 (1,5) <sup>9)</sup> N/mm <sup>2 1) -6)</sup> / NPD <sup>7),8)</sup>		
Resistance to thermal shock	NPD <sup>1) -8)</sup>		
Chemical resistance	NPD <sup>1) -8)</sup>		
Resistance to severe chemical attack	Class I <sup>1) -8)</sup>		
Crack bridging ability	A1 (-10°C) <sup>4) -6)</sup> / NPD <sup>1) -3),7),8)</sup>		
Impact resistance	Class I <sup>1) -8)</sup>		
Adhesion strength by pull off test	≥ 2,0 (1,5) <sup>9)</sup> N/mm <sup>2 1) -6)</sup> / NPD <sup>7),8)</sup>		
Skid resistance	Class III <sup>1) -8)</sup>		
Artificial weathering	NPD <sup>1) -8)</sup>		
Antistatic behaviour	NPD <sup>1) -8)</sup>		
Adhesion on wet concrete	NPD <sup>1) -8)</sup>		
Release of dangerous substances	NPD <sup>1) -8)</sup>		
Reaction to fire	Bfl-s1 <sup>1),2),4),5),8)</sup> / Cfl-s1 <sup>3),6),7)</sup>	System 3	

<sup>1)</sup> Triflex DeckFloor System OS 8 variant I

<sup>2)</sup> Triflex DeckFloor System OS 8 variant II

<sup>3)</sup> Triflex DeckFloor System OS 8 variant III

<sup>4)</sup> Triflex DeckFloor System OS 13 variant I

<sup>9)</sup> The value in brackets is the lowest accepted value of any reading

<sup>5)</sup> Triflex DeckFloor System OS 13 variant II

<sup>6)</sup> Triflex DeckFloor System OS 13 variant III

<sup>7)</sup> Triflex ProPark System OS 10 variant I

<sup>8)</sup> Triflex ProPark System OS 10 variant III

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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