

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 ProPark

No 22330_1

Unique identification code of the product-type:

No 22330_1

Intended uses:

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

Protection against ingress (1.3) ¹⁾
Moisture control (2.2) ¹⁾
Physical resistance (5.1) ¹⁾
Resistance to chemicals (6.1) ¹⁾
Increasing resistivity (8.2) ¹⁾

¹⁾ 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 ProPark System OS 10	
consisting of components	
Triflex Catalyst	
Triflex Cryl Primer 287	
Triflex ProPark + Triflex Special Fleece	
Triflex DeckFloor + Quartz sand or Hard grain	or Triflex Cryl M 264
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 ¹⁾ - ³⁾	System 2+	EN 1504-2: 2005
Compressive strength	NPD ¹⁾ - ³⁾		
Coefficient of thermal expansion	NPD ¹⁾ - ³⁾		
Abrasion resistance	Weight loss < 3000 mg ¹⁾ - ³⁾		
Cross cut	NPD ¹⁾ - ³⁾		
Permeability to CO ₂	s _D > 50 m ^{1),2)} / NPD ³⁾		
Water vapour permeability	Class II ²⁾ / NPD ^{1),3)}		
Capillary absorption and permeability to water	w < 0,1 kg/m ² x h ^{0,5 2)} / NPD ^{1),3)}		
Thermal compatibility	≥ 1,5 (1,0) ⁴⁾ N/mm ^{2 2)} / NPD ^{1),3)}		
Resistance to thermal shock	NPD ¹⁾ - ³⁾		
Chemical resistance	NPD ¹⁾ - ³⁾		
Resistance to severe chemical attac	Class I ¹⁾ - ³⁾		
Crack bridging ability	B4.2 (-20 °C) ²⁾ / NPD ^{1),3)}		
Impact resistance	Class I ¹⁾ - ³⁾		
Adhesion strength by pull off test	≥ 1,5 (1,0) ⁴⁾ N/mm ^{2 2)} / NPD ^{1),3)}		
Skid resistance	Class III ¹⁾ - ³⁾		
Artificial weathering	NPD ¹⁾ - ³⁾		
Antistatic behaviour	NPD ¹⁾ - ³⁾		
Adhesion on wet concrete	NPD ¹⁾ - ³⁾		
Release of dangerous substances	NPD ¹⁾ - ³⁾		
Reaction to fire	Bfl-s1 ^{2),3)} / Cfl-s1 ¹⁾	System 3	

¹⁾ Triflex ProPark System OS 10 variant I

²⁾ Triflex ProPark System OS 10 variant II

³⁾ Triflex ProPark System OS 10 variant III

⁴⁾ 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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