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 Cryl Primer 287

No 22870_1

Unique identification code of the product-type:

No 22870_1

Intended uses:

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

Protection against ingress (1.3) [1)-6)]
Moisture control (2.2) [1)-6)]
Physical resistance (5.1) [1)-6)]
Resistance to chemicals (6.1) [1)-6)]
Increasing resistivity (8.2) [1)-6)]

[1)] *Triflex ProDeck System OS 11a*
[2)] *Triflex ProDeck System OS 11b*
[3)] *Triflex DeckFloor System OS 13*
[4)] *Triflex DeckFloor System OS 8*
[5)] *Triflex DeckCoat System OS 8*
[6)] *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 ProDeck System OS 11a / OS 11b	**Triflex DeckFloor System OS 8 / OS 13**	**Triflex DeckCoat System OS 8**	**Triflex ProPark System OS 10**	
consisting of components				
Triflex Catalyst	Triflex Catalyst	Triflex Catalyst	Triflex Catalyst	
Triflex Pox Primer 116+ + Quartz sand	Triflex Cryl Primer 287	Triflex Cryl Primer 287	Triflex Cryl Primer 287	
Triflex Cryl Primer 287 + Triflex ProMesh	Triflex DeckFloor + Hard grain or Quartz sand	Triflex Cryl Finish 209 + Quartz sand	Triflex ProPark + Triflex Special Fleece	
Triflex ProDeck + Hard grain or Quartz sand	Triflex Cryl Finish 202 or Triflex Cryl M 264 or Triflex Cryl Finish 209		Triflex DeckFloor + Hard grain or Quartz sand	or Triflex Cryl M 264
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[1) -14)]	System 2+	EN 1504-2: 2005
Compressive strength	NPD[1) -14)]		
Coefficient of thermal expansion	NPD[1) -14)]		
Abrasion resistance	Weight loss < 3000 mg[1) -14)]		
Cross cut	NPD[1) -14)]		
Permeability to CO_2	s_D > 50 m[1) -13)] / NPD[14)]		
Water vapour permeability	Class II[1)-11),13)] / NPD[12),14)]		
Capillary absorption and permeability to water	w < 0,1 kg/m² x $h^{0,5}$ [1) -11),13)] / NPD[12),14)]		
Thermal compatibility	≥ 1,5 (1,0)[15)] N/mm² [1),2),7),8),13)] / ≥ 2,0 (1,5)[15)] N/mm² [3) -6),9) -11)] / NPD[12),14)]		
Resistance to thermal shock	NPD[1) -14)]		
Chemical resistance	NPD[1) -14)]		
Resistance to severe chemical attac	Class I[1) -14)]		
Crack bridging ability	B3.2 (-20°C)[1),2),7),8)] / B4.2 (-20°C)[13)] / A1 (-10°C)[3) -5)] / NPD[6),9) -12),14)]		
Impact resistance	Class I[1) -14)]		
Adhesion strength by pull off test	≥ 1,5 (1,0)[15)] N/mm² [1),2),7),8),13)] / ≥ 2,0 (1,5)[15)] N/mm² [3) -6),9) -11)] / NPD[12),14)]		
Skid resistance	Class III[1) -14)]		
Artificial weathering	NPD[1) -14)]		
Antistatic behaviour	NPD[1) -14)]		
Adhesion on wet concrete	NPD[1) -14)]		
Release of dangerous substances	NPD[1) -14)]		
Reaction to fire	Bfl-s1[3),4),6),7),9),10),13),14)] / Cfl-s1[1),2),5),8),11),12)]	System 3	

[1] *Triflex ProDeck System OS 11a variant I*
[2] *Triflex ProDeck System OS 11a variant II*
[3] *Triflex DeckFloor System OS 13 variant I*
[4] *Triflex DeckFloor System OS 13 variant II*
[5] *Triflex DeckFloor System OS 13 variant III*
[6] *Triflex DeckCoat System OS 8*
[7] *Triflex ProDeck System OS 11b variant I*
[8] *Triflex ProDeck System OS 11b variant II*
[9] *Triflex DeckFloor System OS 8 variant I*
[10] *Triflex DeckFloor System OS 8 variant II*
[11] *Triflex DeckFloor System OS 8 variant III*
[12] *Triflex ProPark System OS 10 variant I*
[13] *Triflex ProPark System OS 10 variant II*
[14] *Triflex ProPark System OS 10 variant III*
[15] *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 .....