Elastomastic™ TFN

formerly known as: SikaCor® Elastomastic TFN

DECLARATION OF PERFORMANCE

1	**UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE**	**SW_TFN_v1**
2	**TYPE, PRODUCT OR SERIAL NUMBER**	**Elastomastic™ TFN**
3	**INTENDED USE**	**EN 1504-2:2004** **Surface protection products – Coating** **Ingress Protection (1.3)** **Moisture control (2.2)** **Physical resistance (5.1)** **Increasing resistivity (8.2)**
4	**MANUFACTURER**	**Sherwin-Williams Coatings Deutschland GmbH** **Rieter Tal 1** **71665 Vaihingen/Enz** **Germany** **(Werk: VAIHINGEN)**
5	**AUTHORISED REPRESENTATIVE**	
6	**SYSTEM OF AVCP**	**EN 1504-2: System 2+ (for uses in buildings and civil engineering works)** **EN 1504-2: System 3 (for uses subject to reaction to fire regulations)**
7	**CONSTRUCTION PRODUCT COVERED BY A HARMONISED STANDARD**	**EN 1504-2:2004**
	Notified body:	**0921** **1508**

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Jeffrey James Miklich, Dave Wright, Thomas Kerkmann · HRB 784010 Stuttgart · USt.-ID-Nr.: DE348593765

8 Declared Performance

Tested as a part of a system build-up with Sikafloor®-150 under Elastomastic™ TFN

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Linear shrinkage:	NPD	System 2+	EN 1504-2:2004
Compressive strength:	NPD	System 2+	EN 1504-2:2004
Thermal expansion coefficient:	NPD	System 2+	EN 1504-2:2004
Abrasion resistance (Taber test):	weight loss < 3000 mg	System 2+	EN 1504-2:2004
Cross cut:	NPD	System 2+	EN 1504-2:2004
Permeability to CO2:	s_D> 50m	System 2+	EN 1504-2:2004
Water vapor permeability:	Class III	System 2+	EN 1504-2:2004
Capillary absorption and permeability to water:	w < 0,1 kg/(m² x $h^{0,5}$)	System 2+	EN 1504-2:2004
Thermal compatibility:	NPD	System 2+	EN 1504-2:2004
Resistance to thermal shock	NPD	System 2+	EN 1504-2:2004
Chemical resistance:	NPD	System 2+	EN 1504-2:2004
Resistance to severe chemical attack:	NPD	System 2+	EN 1504-2:2004
Crack bridging ability:	NPD	System 2+	EN 1504-2:2004
Impact resistance:	Class III	System 2+	EN 1504-2:2004
Adhesion strength by pull off test:	≥ 2,0 (1,5)[1)] N/mm²	System 2+	EN 1504-2:2004
Reaction to fire:	E_{fl}	System 3	EN 1504-2:2004
Skid resistance:	NPD	System 2+	EN 1504-2:2004
Artificial weathering:	NPD	System 2+	EN 1504-2:2004
Antistatic behavior:	NPD	System 2+	EN 1504-2:2004
Adhesion on wet concrete:	NPD	System 2+	EN 1504-2:2004
Release of dangerous substances:	NPD	System 2+	EN 1504-2:2004

[1)] The value in brackets is the lowest accepted value of any reading.

For characteristics not listed above, these are either not relevant or no performance determined.

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9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of Sherwin-Williams Coatings Deutschland GmbH:

Name: Claus Ackfeld
Function:
Product Manager
Vaihingen, 01.07.2023

Name: Georg Schulze
Function:
Quality Manager
Vaihingen, 01.07.2023

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