

Sikalastic®-6100 FX

Declaration of Performance No 96379933

1	Unique identification code of the product-type:	96379933
2	Intended use/es:	For uses in buildings and civil engineering works: physical resistance (5.1) — Surface protection products — coating For uses in buildings and civil engineering works: moisture control (2.2), increasing resistivity (8.2) — Surface protection products — coating For uses in buildings and civil engineering works: ingress protection (1.3) — Surface protection products — coating For uses subject to reaction to fire regulations — Surface protection products — coating
3	Manufacturer:	Sika Services AG Tüffenwies 16 8064 Zürich Switzerland
5	System/s of AVCP:	System 2+ (For uses in buildings and civil engineering works: physical resistance (5.1)) System 2+ (For uses in buildings and civil engineering works: moisture control (2.2), increasing resistivity (8.2)) System 2+ (For uses in buildings and civil engineering works: ingress protection (1.3)) System 3 (For uses subject to reaction to fire regulations)
6a	Harmonised standard:	EN 1504-2:2004
	Notified body/ies:	1508, 0749, 0370, 0767

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7 Declared performance/s:

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Abrasion resistance	NPD	System 2+	
Adhesion on wet concrete	NPD	System 2+	
Adhesion strength by pull off test	$\geq 1.5 (1.0) \text{ N/mm}^2$	System 2+	
Antistatic behaviour	NPD	System 2+	
Artificial weathering	No visual defects	System 2+	
Capillary absorption and permeability to water	$w < 0.1 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{-0.5}$	System 2+	
Chemical resistance	NPD	System 2+	
Coefficient of thermal expansion	NPD	System 2+	
Compressive strength	NPD	System 2+	
Crack bridging ability	A 3 (-10 °C); A 4 (20 °C); B 3.1 (-10 °C)	System 2+	
Dangerous substances	NPD	System 2+	
Cross cut	NPD	System 2+	
Impact resistance	Class I: $\geq 4 \text{ Nm}$	System 2+	
Linear shrinkage	NPD	System 2+	
Permeability to CO2	$s_D > 50 \text{ m}$	System 2+	
Reaction to fire	Class C-s1, d0	System 3	
Resistance to thermal shock	NPD	System 2+	
Skid resistance	NPD	System 2+	
Thermal compatibility	Freeze salt cycling with de-icing $\geq 1.5 (1.0) \text{ N/mm}^2$ salt immersion and thunder shower cycling (thermal shock)	System 2+	
Water vapour permeability	Class I: $S_D < 5 \text{ m}$	System 2+	

EN 1504-2:2004

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Name: Tomek Gutowski

Function: Corporate Product Certification Manager

At Warsaw on 2024-11-25



Name: Patrycja Młynarska

Function: Data Processing Specialist CTD

At Warsaw on 2024-11-25



End of information as required by Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC Text with EEA relevance

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Sika Services AG, Zürich, Switzerland

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Adhesion strength by pull off test	≥ 1.5 (1.0) N/mm ²
Capillary absorption and permeability to water	$w < 0.1$ kg·m ⁻² ·h ^{-0.5}
Crack bridging ability	A 3 (-10 °C); A 4 (20 °C); B 3.1 (-10 °C)
Impact resistance	Class I: ≥ 4 Nm
Permeability to CO ₂	$s_D > 50$ m
Reaction to fire	Class C-s1, d0
Thermal compatibility	Freeze salt cycling with de-icing salt immersion and thunder shower cycling (thermal shock) ≥ 1.5 (1.0) N/mm ²
Water vapour permeability	Class I: $S_D < 5$ m

EN 1504-2:2004

1508, 0749, 0370, 0767

For uses in buildings and civil engineering works: physical resistance (5.1) — Surface protection products — coating
 For uses in buildings and civil engineering works: moisture control (2.2), increasing resistivity (8.2) — Surface protection products — coating
 For uses in buildings and civil engineering works: ingress protection (1.3) — Surface protection products — coating
 For uses subject to reaction to fire regulations — Surface protection products — coating

<http://dop.sika.com>**ECOLOGY, HEALTH AND SAFETY (REACH)**

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

Any information provided in this Declaration of Performance ("DoP"), including any descriptions and recommendations relating to the application and end-use of any Sika products ("Products"), are given in good faith based on Sika's current knowledge and experience of the Products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. Please note that the materials, substrates and actual site conditions may vary considerably, and therefore Sika makes no warranty for merchantability or fitness for a particular purpose, and accepts no liability for the application and use of the Products, for any recommendations, or for any advice offered. Prior to using, the Product must be tested for its suitability for the intended application and purpose, and the most recent version of the Product Data Sheet must be consulted. Sika reserves the right to change the properties of its Products any time without prior notice. Any orders for Products or services provided by Sika are subject to Sika's current terms and conditions of sale.

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