



EN 1504-2:2004

1504-2: 0546

EN 14891:

13

14891: 1599

2012/AC:2012

DECLARATION OF PERFORMANCE

Sikalastic®-1K

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<p>1. Product type: Unique identification code of the product-type:</p>	Sikalastic®
<p>2. Type: Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):</p>	-1K (for batch number , please refer to the packaging)
<p>3. Intended use: Or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:</p>	<p>Fiber-reinforced, single component, cement-based mortar for concrete waterproofing and protection, meeting the requirement of EN 1504-2:2004. Principles 1, 2 and 8 - Methods 1.3, 2.3, 8.3 of EN 1504-9:2008. Conforming to the Annex ZA Table ZA.1</p> <p>Cementitious liquid-applied mortar for waterproofing beneath tiles (bonded with a C2 adhesive according to EN 12004) with improved crack bridging ability at low temperature (-5°C) and resistant to contact with chlorinated water, complying the performances of CMO1P class of EN 14891:2012. Conforming to the Annex ZA Table ZA.1</p>
<p>4. Name, registered trade name: Or registered trade mark and contact address of the manufacturer as required under Article 11(5):</p>	<p>Sikalastic®</p> <p>Sika Italia S.p.A. Via L. Einaudi, 6 20068 Peschiera Borromeo (MI) - Italy</p>

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Refurbishment
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Identification no. 02 07 01 01 001 0 000180
Version no. 3.0

<p>5. Contact Address: Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):</p>	<p>Not relevant (see 4)</p>
<p>6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:</p>	<p>1504-2: System 2+ (for uses in buildings and civil engineering works) 1504-2: System 4 (for uses subject to reaction to fire regulations) 14891: System 3</p>
<p>7. Notified body (hEN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:</p>	<p>1504-2: Notified factory production control certification body No. 0546 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control (FPC) 18774. 14891: Notified testing laboratory Lab. Modena Centro Prove S.r.l., Nr. Lab. 1599 performed the determination of the product-type on the basis of type testing on samples from the manufacturer under system 3 and issued test report No. 20142364.</p>
<p>8. Notified body (ETA): In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:</p>	<p>Not relevant (refer to item 7)</p>



Sika Danmark A/S
Hirsemarken 5, 3520 Farum
Denmark

9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
CO ₂ permeability	$S_D > 50 \text{ m}$	EN 1062-6	EN 1504-2: 2004
Water-vapour permeability	Class I: $S_D < 5 \text{ m}$	EN ISO 7783-1 EN ISO 7783-2	
Capillary absorption and liquid-water permeability	$w < 0,1 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{0.5}$	EN 1062-3	
Thermal shock resistance (Freeze-thaw cycling with de-icing salt immersion)	$\geq 1,0 \text{ N/mm}^2$	EN 13687-1	
Crack bridging	Classe A3 Class A3	EN 1062-7	
Bond strength by pull-off test	$\geq 1,0 \text{ N/mm}^2$	EN 1542	
Reaction to fire	Euroclass A2	EN 13501-1	
Dangerous substances	See Material Safety Data Sheet (MSDS)		

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Initial tensile adhesion strength	$\geq 0,5 \text{ MPa}$	A.6.2	EN 14891:2012
Tensile adhesion strength after water contact	$\geq 0,5 \text{ MPa}$	A.6.3 or A.6.4	
Tensile adhesion strength after heat ageing	$\geq 0,5 \text{ MPa}$	A.6.5	
Tensile adhesion strength after freeze-thaw cycles	$\geq 0,5 \text{ MPa}$	A.6.6	
Tensile adhesion strength after contact with lime water	$\geq 0,5 \text{ MPa}$	A.6.9	
Tensile adhesion strength after contact with chlorinated water	$\geq 0,5 \text{ MPa}$	A.6.7 or A.6.8	
Waterproofing	No penetration and $< 20 \text{ g}$ weight gain	A.7	
Crack bridging ability under standard conditions (+23°C)	$\geq 0,75 \text{ mm}$	A.8.2	
Crack bridging ability at low temperature (-5°C)	$\geq 0,75 \text{ mm}$	A.8.3	
Dangerous substances	See Material Safety Data Sheet (MSDS)		

10. Declaration

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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.



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Signed for and on behalf of the manufacturer by:


Ian Brindley
General Manager


Heine Sønnichsen
Head Flooring & Refurbishment

Farum, 12.04.2018

Ecology, Health and Safety Information (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

Legal note:

The information contained herein and any other advice 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. The information only applies to the application(s) and product(s) expressly referred to herein. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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