

DECLARATION OF PERFORMANCE

SikaGrout®-311

EN 1504-6:2006, EN 1504-3: 2005

11

1020



02	02	01	01	001	0	000004	1180
----	----	----	----	-----	---	--------	------

1	UNIQUE IDENTIFICATION of the product-type:	SikaGrout®-311 Batch No. see packaging
2	INTENDED USE or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	1 - component free flowing expanding pouring mortar for layer thickness 3 - 10 mm to fill spaces, voids, gaps or crevices under machine bases, base plates, post fixings, sealing around penetrations and bedding precast concrete joints. For repairing concrete structures class R4 CC mortar, principles 3, 4 and 7 - methods 3.2, 4.4, 7.1 and 7.2 of EN 1504-9: 2008. Conforming to the Annex ZA Table ZA.1 For anchoring of reinforcing steel bars principle 4 – method 4.2 of EN 1504-9: 2008. Conforming to the Annex ZA Table ZA.1
3	MANUFACTURER registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	SikaGrout® Sika CZ, s.r.o. Bystrcká 1132/36 CZ-624 00 Brno
4	AVCP System or systems of assessment and verification of constancy of performance (AVCP) or the construction product as set out in CPR, Annex V:	EN 1504-3: 2005 → System 2+ EN 1504-6: 2006 → System 2+
5	HARMONISED STANDARDS In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	EN 1504-3: 2005 EN 1504-6: 2006

Declaration of Performance

SikaGrout®-311

01.05.2015, Version no. 01

Identification nr. 02 02 01 01 001 0 000004 1180

6 NOTIFIED BODY

Notified factory production control certification body No. 1020 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) 020025682.

7 DECLARED PERFORMANCE

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Compressive strength	≥ 45 MPa	EN 12190	
Chloride Ion Content	≤ 0.05 %	EN 1015-17	
Adhesive Bond	≥ 2.0 MPa	EN 1542	
Carbonation Resistance	$d_k \leq$ control concrete (MC(0.45))	EN 13295	EN 1504-3:2005
Elastic Modulus	≥ 20 MPa	EN 13412	
Thermal Compatibility freeze-thaw	≥ 2.0 MPa	EN 13687-1	
Capillary Absorption	≤ 0.5 kg.m ⁻² .h ^{-0.5}	EN 13057	
Pull-out	Displacement ≤ 0.6 mm at load of 75 kN	EN 1881	
Chloride Ion Content	≤ 0.05 %	EN 1015-17	EN 1504-6: 2006
Reaction to Fire	Euroclass A1	EN 13501-1	
Dangerous substances	See local safety data sheet	xxx	

NPD – no performance determined

8 APPROPRIATE TECHNICAL DOCUMENTATION

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: Ing. Jaroslav Leischner
Position: Quality and EHS Manager



Brno, 01.05.2015

Name: Ing. Andrej Šišolák
Position: General Manager SIKA CZ, s.r.o.



Brno, 01.05.2015

REACH INFORMACE

European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006). This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety

Declaration of Performance

SikaGrout®-311
01.05.2015, Version no. 01
Identification nr. 02 02 01 01 001 0 000004 1180

data sheet following article 31 of same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation, or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).


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. They can be downloaded at www.cz.sika.com directly requested at Sika.

LEGAL NOTE

This information is 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. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. 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.

9 CE MARK


Sika CZ, s.r.o., Bystrcká 1132/36, 624 00 Brno Factory 1180 11 02 02 01 01 001 0 000004 1180 EN 1504-3: 2005, EN 1504-6: 2006
<p>1 - component free flowing expanding pouring mortar for layer thickness 3 - 10 mm to fill spaces, voids, gaps or crevices under machine bases, base plates, post fixings, sealing around penetrations and bedding precast concrete joints.</p> <p>For repairing concrete structures class R4 CC mortar, principles 3, 4 and 7 - methods 3.2, 4.4, 7.1 and 7.2 of EN 1504-9: 2008. Conforming to the Annex ZA Table ZA.1</p> <p>For anchoring of reinforcing steel bars principle 4 - method 4.2 of EN 1504-9: 2008. Conforming to the Annex ZA Table ZA.1</p>

Essential characteristics	Performance
Compressive strength	≥ 45 MPa
Chloride Ion Content	≤ 0.05 %

Declaration of Performance

SikaGrout®-311
01.05.2015, Version no. 01
Identification nr. 02 02 01 01 001 0 000004 1180

Adhesive Bond	≥ 2.0 MPa
Carbonation Resistance	$d_k \leq$ control concrete (MC(0.45))
Elastic Modulus	≥ 20 MPa
Thermal Compatibility freeze-thaw	≥ 2.0 MPa
Capillary Absorption	$\leq 0.5 \text{ kg.m}^{-2}.\text{h}^{-0.5}$
Pull-out	Displacement ≤ 0.6 mm at load of 75 kN
Chloride Ion Content	$\leq 0.05 \%$
Reaction to Fire	Euroclass A1
Dangerous substances	NPD See local safety data sheet

For more information contact:

Sika CZ, s.r.o., Bystrcká 1132/36, CZ 624 00 Brno

tel: +420 546 422 464

Fax: +420 546 422 400

E-mail: sika@cz.sika.com

Declaration of Performance

SikaGrout®-311

01.05.2015, Version no. 01

Identification nr. 02 02 01 01 001 0 000004 1180