

SikaCeram[®]-500 Ceralastic

DECLARATION OF PERFORMANCE

No. 55455639

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	55455639
2	INTENDED USE/S	EN 1504-2:2004 Surface protection products – coating: Ingress protection (1.3) Moisture control (2.2) Increasing resistivity (8.2)
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+ (for uses in buildings and civil engineering works)
6a	HARMONISED STANDARD:	EN 1504-2:2004
	Notified body/ies:	0546

Declaration of Performance

SikaCeram[®]-500 Ceralastic

55455639

2017.04, ver. 1

1026

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonized Technical Specification
Linear shrinkage	NPD		
Coefficient of thermal expansion	NPD		
Permeability co CO ₂	S _b > 50 m	System 2+	
Cross cut	NPD		
Water vapor permeability	Class I: S _b < 5 m	System 2+	
Capillary absorption and permeability to water	w < 0.1 kg/(m ² .h ^{0.5})	System 2+	
Thermal compatibility	NPD		
Resistance to thermal shock (Freeze-thaw cycling with de-icing salt immersion)	≥ 1.0 N/mm ²	System 2+	
Chemical resistance	NPD		EN 1504-2:2004
Crack bridging ability	Static: Class A3 (+23°C) Dynamic: B2 (+23°C)	System 2+	
Adhesion strength by pull-off test	≥ 1.0 N/mm ²	System 2+	
Reaction to fire	Class A2	System 2+	
Skid resistance	NPD		
Artificial weathering	NPD		
Antistatic behavior	NPD		
Adhesion on wet concrete	NPD		
Dangerous substances	NPD		

8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC 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: Nikos Anagnostopoulos
Function: TMM Refurbishment
At Athens on 24 April 2020

Name: Alexandros Melissourgos
Function: Technical Manager
At Athens on 24 April 2020





End of information as required by Regulation (EU) No 305/2011

RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonized technical specification	DoP Number
SikaCeram®-500 Ceralastic	EN 12004:2007+A1:2012	67648150
SikaCeram®-500 Ceralastic	EN 14891:2012	75286144

Declaration of Performance

SikaCeram®-500 Ceralastic

55455639

2017.04, ver. 1

1026

3/5

BUILDING TRUST





15

Sika Services AG, Zurich, Switzerland

DoP No. 55455639

EN 1504-2:2004

Notified Body 0546

Surface protection products – coating: Ingress protection (1.3), Moisture control (2.2), Increasing resistivity (8.2)

Permeability co CO ₂	$S_D > 50 \text{ m}$
Water vapor permeability	Class I: $S_D < 5 \text{ m}$
Capillary absorption and permeability to water	$w < 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
Resistance to thermal shock (Freeze-thaw cycling with de-icing salt immersion)	$\geq 1.0 \text{ N}/\text{mm}^2$
Crack bridging ability	Static: Class A3 (+23°C) Dynamic: B2 (+23°C)
Adhesion strength by pull-off test	$\geq 1.0 \text{ N}/\text{mm}^2$
Reaction to fire	Class A2

<http://dop.sika.com>

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, and, in particular, the recommendations relating to the application and end-use of Sika 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 Sikas 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 products 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.

Declaration of Performance

SikaCeram®-500 Ceralastic

55455639

2017.04, ver. 1

1026



Sika Hellas ABEE
Protomagias 15
14568, Kryoneri
Attica - Greece
www.sika.gr

Declaration of Performance
SikaCeram®-500 Ceralastic
55455639
2017.04, ver. 1
1026