

# Sika<sup>®</sup> ViscoFlow<sup>®</sup>-500

## DECLARATION OF PERFORMANCE No. 17740524

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	17740524
2	<b>INTENDED USE/S:</b>	EN934-2:2009+A1:2012 To be used in concrete High range water reducing / Superplasticizing admixture (Tables 3.1 & 3.2) Set retarding / High range water reducing / Super plasticizing admixture (Tables 11.1 & 11.2)
3	<b>MANUFACTURER:</b>	Sika Hellas ABEE 15 Protomagias Str. GR 145 68 Kryoneri Athens - Greece www.sika.gr
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	System 2+
6a	<b>HARMONISED STANDARD:</b>	EN934-2:2009+A1:2012
	Notified body/ies:	1128

### Declaration of Performance

Sika<sup>®</sup> ViscoFlow<sup>®</sup>-500

17740524

2016.10 , Revision 1

**7 DECLARED PERFORMANCE/S:**

Essential Characteristics	Performance	Harmonised Technical Specification
<b>Tables 3.1 &amp; 3.2</b>		
Water reduction	In test mix $\geq 12\%$ compared with control mix	
Compressive strength	T3.1: At 1 day: Test mix $\geq 140\%$ of control mix, At 28 days: Test mix $\geq 115\%$ of control mix T3.2: At 28 days: test mix $\geq 90\%$ of control mix	
Air content in fresh concrete	Test mix $\leq 2\%$ by volume above control mix	
Increase in consistence	Increase in slump $\geq 120$ mm from initial (30 $\pm$ 10) mm	
Retention of consistence	30 min after the addition the consistence of the test mix does not fall below the value of the initial consistence of the control mix	EN934-2:2009+A1:2012
<b>Tables 11.1 &amp; 11.2</b>		
Compressive strength	T11.1: At 7 days: test mix $\geq 100\%$ of control mix, At 28 days: test mix $\geq 115\%$ of control mix T11.2: At 28 days: test mix $\geq 90\%$ of control mix	
Setting time	Initial: test mix $\geq$ control mix + 90 min Final: test mix $\leq$ control mix + 360 min	
Water reduction	In test mix $\geq 12\%$ compared with control mix	
Air content in fresh concrete	Test mix $\leq 2\%$ by volume above control mix	
Retention of consistence	60 min after the addition the consistence of the test mix does not fall below the value of the initial consistence of the control mix	

General Characteristics	Performance
Chloride ion content	Chloride free
Alkali content	≤ 2.5 % by mass
Corrosion behavior	Contains components only from EN934-1:2008, Annex A.1
Dangerous Substances	NPD*
*NPD - No performance determined	

**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 : Manolis Mavratzotis  
 Function: R&D/QC Manager  
 At Athens on 05 October 2016

Name : Spyros Hatzifotis  
 Function: General Manager  
 At Athens on 05 October 2016

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





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Sika Hellas ABEE, Athens - Greece

17740524

EN934-2:2009+A1:2012

1128

Sika® ViscoFlow®-500

To be used in concrete

High range water reducing / Superplasticizing admixture

(Tables 3.1 & 3.2)

Set retarding / High range water reducing / Super plasticizing admixture

(Tables 11.1 & 11.2)

For essential characteristics please refer to Declaration of Performance

<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.

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