

Sika® Unitherm® Steel W-60

DECLARATION OF PERFORMANCE

No. 33849620

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	33849620
2	INTENDED USE/S	EAD 350402-00-1106: ETA 20/1157:2020 Reactive Coating for the Fire Protection of Steel Elements
3	MANUFACTURER:	Sika Deutschland GmbH Kornwestheimer Straße 103-107 70439 Stuttgart
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 1
6b	EUROPEAN ASSESSMENT DOCUMENT:	EAD 350402-00-1106
	European Technical Assessment:	ETA 20/1157 of 18/12/2020
	Technical Assessment Body:	FIRES, S.R.O.
	Notified body/ies:	0761, 1396

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7 DECLARED PERFORMANCE/S

Sika® Unitherm® Steel W-60 has been assessed as being compatible, in accordance with the test procedures defined in EAD 350402-00-1106 with the following primers:

Primers	
Name	Type
Sika® Permacor®-1705	Short/medium oil alkyd
Sika® Permacor® 2706 EG	Two component epoxy
SikaCor® Zinc R	Zinc rich epoxy (containing about 80% by
SikaCor® Zink W	Zinc rich epoxy, waterborne
Sika® Permacor® 2706 EG/ SikaCor® Zinc ZS	Zinc silicate

Sika® Unitherm® Steel W-60 has been assessed as having passed the requirements for Type Z₁ and Type Z₂ environmental conditions defined in EAD 350402-00-1106 with and without the following topcoat.

Topcoats	
Name	Type
Sika® Unitherm® Top S	PVC-AY

Sika® Unitherm® Steel W-60 has been assessed as having passed the requirements for Type Z₁ environmental conditions defined in EAD 350402-00-1106 with and without the following topcoat.

Topcoats	
Name	Type
Sika® Unitherm® Top W	Waterborne

The European Technical Assessment is issued for the product on the basis of agreed data/information, deposited by the Technical Assessment Body FIRES, s.r.o. Changes to the product or production process, which could result in this deposited data/information being incorrect, should be notified to the Technical Assessment Body FIRES, s.r.o. before the changes are introduced. The Technical Assessment Body FIRES, s.r.o. will decide whether or not such changes affect the European Technical Assessment and consequently the validity of the CE marking on the basis of the European Technical Assessment and if so whether further assessment or alterations to the European Technical Assessment, shall be necessary.

Product: Reactive coating		Intended use: Fire protection of structural steel elements
Assessment method	Essential characteristic	Product performance
BASIC WORKS REQUIREMENT 2: SAFETY IN CASE OF FIRE		
EN 13501-1	Reaction to fire	Class E
EN 13501-2	Resistance to fire	(R30 to R60) - IncSlow (I/H Beams and Columns) and (R30 to R90) - IncSlow (Hollow Columns) (see Annex A)

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BASIC WORKS REQUIREMENT 3: HYGIENE, HEALTH AND THE ENVIRONMENT		
Manufacturer's declaration and EN 16516	Content, emission and or release of dangerous substances	Product specification doesn't contain dangerous substances given in Annex XVII of REACH and the ECHA Candidate List of Substances of Very High Concern Use categories: IA1 and S/W2 Results for reactive coating to EN 16516 after 28 days: No Performance Assessed
BASIC WORKS REQUIREMENT 4: SAFETY AND ACCESSIBILITY IN USE		
EAD 350402-00-1106 Clause 2.2.4 and Clause 2.2.5	Adhesion and Durability	<ul style="list-style-type: none"> • Primer and top coat compatibility • Type Z₁ durability • Type Z₂ durability
EAD 350402-00-1106 Clause 2.3.5	Identification	Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR)

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: Thomas Kerkmann
Function: Head of Industrial Coatings

Name: Robin Rohleder
Function: Market field Manager Fire protection

At Vaihingen on 09 March 2022

At Vaihingen on 09 March 2022





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



FULL CE MARKING

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Sika Deutschland GmbH	
DoP no. 33849620	
EAD 350402-00-1106; ETA 20/1157:2020	
Notified Body 0761, 1396	
Reactive Coating for the Fire Protection of Steel Elements	
Reaction to fire	Class E
Fire resistance	(R30 to R60) – IncSlow (I/H Beams and Columns) and (R30 to R90) – IncSlow (Hollow Columns)
Release of dangerous substances	Product specification doesn't contain dangerous substances given in Annex XVII of REACH and the ECHA Candidate List of Substances of Very High Concern
Adhesion and Durability	<ul style="list-style-type: none"> • Primer and top coat compatibility • Type Z₁ durability • Type Z₂ durability
Identification	Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR)

<http://dop.sika.com>

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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 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 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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Germany
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