

Unitherm® Steel SB-60

formerly known as: Unitherm® Steel S-60

DECLARATION OF PERFORMANCE

DOP No. SW_SB60_v3

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE	Unitherm® Steel SB-60
2	TYPE, PRODUCT OR SERIAL NUMBER	See packaging for batch number. The batch number takes the form 1234567890.
3	INTENDED USE	Reactive coating for the fire protection of structural steel.
4	MANUFACTURER	Sherwin-Williams Coatings Deutschland GmbH Rieter Tal 1 71665 Vaihingen/Enz Germany
5	AUTHORISED REPRESENTATIVE	
6	SYSTEM OF AVCP	System 1
7	CONSTRUCTION PRODUCT COVERED BY A HARMONISED STANDARD	not applicable
8	CONSTRUCTION PRODUCT COVERED BY A EUROPEAN TECHNICAL ASSESSMENT	EAD 350402-00-1106
	European Technical Assessment:	ETA 20/1161 of 18/12/2020
	Technical Assessment Body:	FIRES, S.R.O.
	Notified body:	0761, 1396
	Certificate of Constancy of Performance:	0761-CPR-0973

Sherwin-Williams Coatings Deutschland GmbH
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Sitz der Gesellschaft Vaihingen an der Enz · Geschäftsführer James Michael Donchess,
Jeffrey James Miklich, Simon J. Walker, Thomas Kerkmann · HRB 784010 Stuttgart · USt.-ID-Nr.: DE348593765

9 Declared Performance

Essential Characteristics	Performance	Assessment method
Reaction to Fire	Class E	EN 13501-1
Resistance to Fire	(R15 to R60) - IncSlow (I/H Beams and Columns as well as Hollow Columns)	EN 13501-2
Dangerous Substances	The product does not contain substances given in Annex XIV of REACH (authorisation list). Reference should be made to the product safety data sheet for classification in accordance with Regulation (EC) No 1272/2008 and information relating to Annex XVII of REACH and Candidate List of substances of very high concern.	EAD350402-00-1106 Clause 2.2.3
Environmental Conditions	Passed exposure conditions X, Y, Z ₂ and Z ₁	EAD350402-00-1106 Clause 2.2.4 and 2.2.5
Primer Compatibility	Two pack epoxy primer Solvent containing single component zinc-phosphate primer Zinc rich epoxy Epoxy zinc phosphate / two pack Polyurethane topcoat Epoxy intermediate coat / epoxy zinc phosphate / two pack epoxy Polyurethane topcoat Two pack Acrylic-Polyurethane topcoat / Two pack Acrylic- Polyurethane topcoat Very high solid epoxy	EAD350402-00-1106 Clause 2.2.4 and 2.2.5
Topcoat Compatibility	FIRETEX® Top SB Acrolon® EG-5	EAD350402-00-1106 Clause 2.2.4 and 2.2.5

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For characteristics not listed above, these are either not relevant or No Performance Determined.

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product applies:

not applicable

10 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 is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of Sherwin-Williams UK Limited, Protective & Marine Division by:



Simon J Hallam
Technical Director

At Bolton, UK 06/11/2023
