

## Unitherm® Steel WB-120

formerly known as: Unitherm®-120 Steel W new

### DECLARATION OF PERFORMANCE

DOP No. SW\_WB120\_v3

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE</b>	<b>Unitherm® Steel WB-120</b>
2	<b>TYPE, PRODUCT OR SERIAL NUMBER</b>	<b>See packaging for batch number. The batch number takes the form 22-123-01.</b>
3	<b>INTENDED USE</b>	<b>Reactive coating for the fire protection of structural steel.</b>
4	<b>MANUFACTURER</b>	<b>Sherwin-Williams Coatings Deutschland GmbH Rieter Tal 1 71665 Vaihingen/Enz Germany</b>
5	<b>AUTHORISED REPRESENTATIVE</b>	
6	<b>SYSTEM OF AVCP</b>	<b>System 1</b>
7	<b>CONSTRUCTION PRODUCT COVERED BY A HARMONISED STANDARD</b>	<b>not applicable</b>
8	<b>CONSTRUCTION PRODUCT COVERED BY A EUROPEAN TECHNICAL ASSESSMENT</b>	<b>EAD 350402-00-1106</b>
	<b>European Technical Assessment:</b>	<b>ETA 20/1197 of 17/12/2020</b>
	<b>Technical Assessment Body:</b>	<b>Element Materials Technology Rotterdam B.V.</b>
	<b>Notified body:</b>	<b>0761, 2812</b>
	<b>Certificate of Constancy of Performance:</b>	<b>0761-CPR-0925</b>

**Sherwin-Williams Coatings Deutschland GmbH**  
71665 Vaihingen an der Enz · Rieter Tal 1 · Deutschland  
Telefon: +49 (0)7042 1090 · Telefax: +49 (0)7042 109180  
E-Mail: pm.de.info@sherwin.com · Internet: protectiveeu.sherwin-williams.com

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**

<b>Essential Characteristics</b>	<b>Performance</b>	<b>Assessment method</b>
Reaction to Fire	Class E	EN 13501-1
Resistance to Fire	(R15 to R120) - IncSlow (I/H Beams and Columns) and (R15 to R120) - IncSlow (Hollow Beams) and (R30 to R120) - IncSlow (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 <sub>2</sub> and Z <sub>1</sub>	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 / two pack epoxy Epoxy zinc phosphate / Epoxy intermediate coat / two pack Polyurethane topcoat Single pack corrosion protection primer containing zinc phosphate Two pack epoxy primer containing zinc phosphate	EAD350402-00-1106 Clause 2.2.4 and 2.2.5

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Topcoat Compatibility	FIRETEX® Top SB	EAD350402-00-1106
	FIRETEX® Top WB	Clause 2.2.4 and
	Acrolon® EG-5	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**

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**10** The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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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

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At Bolton, UK 06/11/2023

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