

## STEELGUARD™ 651

## DECLARATION OF PERFORMANCE No. DOP 651/9

<b>1. Unique identification code of the product-type:</b>	STEELGUARD™ 651
<b>2. Intended use:</b>	Waterborne reactive coating for fire protection of load bearing steel elements
<b>3. Manufacturer:</b>	PPG Coatings Europe BV, Oceanenweg 2, 1047BB, Amsterdam, The Netherlands
<b>4. Authorised Representative:</b>	Not Applicable
<b>5. System/s of AVCP:</b>	System 1
<b>6a. Harmonised Standard:</b>	Not Applicable
Notified Body/ies:	
<b>6b. European Assessment Document:</b>	
European Technical Assessment:	ETA 20/1120
Technical Assessment Body:	BRE Global Assurance (Ireland) Ltd
Notified Body/ies:	BRE Global Assurance (Ireland) Ltd- NB 2831

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7. Declared Performance/s:	Essential Characteristics	Performance	Technical Specifications
	<b>Basic requirement for construction work: Safety in case of fire</b>		
	Reaction to fire	Class B s1, d0 (including primer) Class E (including primer and topcoat SIGMADUR 550)	EN13501-1:2007+A1:2009
	<b>Basic requirement for construction work: Hygiene, health and environment</b>		
	Release of dangerous substances	The product specification has been compared with the dangerous substances listed on the database established on the EC construction website with the list of regulated dangerous substances possible associated with construction products with Annex XVII and Annex XVI of REACH and with the ECHA candidate list of substances of very high concern to verify that the products does not contain such substances at greater than the tolerated maximum concentration values	EAD 350402-00-1106, September 2017
	<b>Basic requirement for construction work: Safety and accessibility in use</b>		
	Durability and serviceability; Behavior under different environmental conditions	- Primer and topcoat compatibility Passed exposure conditions: - Type X Durability - Type Y Durability - Type Z <sub>2</sub> Durability - Type Z <sub>1</sub> Durability	EAD 350402-00-1106, September 2017
<b>8. Appropriate Technical Documentation and/or Specific Technical Documentation:</b>	EAD 350402-00-1106, September 2017		

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STEELGUARD™ 651 – Approved EAD 350402-00-1106 Systems		
Generic Primer Type	DFT Min	DFT Max
One Component water borne Acrylic	50µm	110µm
Alkyd	50µm	110µm
Two Component Epoxy	50µm	150µm
Galvanised Steel/Two Component Epoxy Tie Coat	50µm (Tie Coat Only)	60µm (Tie Coat Only)
Thermal Metal Spray/Two Component Epoxy Tie Coat	50µm (Tie Coat)	150µm (Tie Coat)


Please refer to PPG Information sheet 1224 for the current list of approved primers.

Topcoat	DFT Tested	DFT Min	DFT Max	Environmental Conditions			
				Z <sub>2</sub>	Z <sub>1</sub>	Y	X
No Top Coat	-	-	-	✓	✓		
STEELGUARD 2458	75µm	75µm	110µm	✓	✓		
SIGMADUR 550 / FREITANE 550	60µm	60µm	90µm	✓	✓		
SIGMADUR 520 / FREITANE 520	60µm	60µm	90µm	✓	✓		
AQUACOVER 40 / 45	60µm	60µm	90µm	✓	✓		
SIGMADUR 550 / FREITANE 550	2x60µm	120µm	180µm	✓	✓	✓	✓
SIGMADUR 520 / FREITANE 520	2x60µm	120µm	180µm	✓	✓	✓	✓

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.

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PPG Coatings Europe BV, Oceanenweg 2, 1047 BB Amsterdam, The Netherlands Manufacturing plant: PPG Deco Polska sp. z o.o. Lewkowicz Branch 63-400 Ostrow Wlkp, Lewkowicz 68, Poland 2831-CPR-P0024 DoP651
ETA No 20/1120 - EAD 350402-00-1106, STEELGUARD™ 651 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Reaction to fire: Class B s1, d0 (including primer) Class E (including primer and topcoat Sigmadur 550) Primer / topcoat compatibility: Passed exposure conditions Z <sub>2</sub> , Z <sub>1</sub> , Y, X See ETA for relevant characteristics

**Signed for and on behalf of the manufacturer by:**

Name:

**Herman Putter**

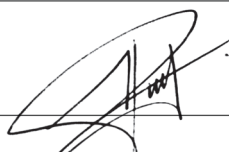
Function:

**PC EMEA Marketing and Business Development Director**

Place and date of issue:

**Amsterdam, April 20, 2021**

Signature:

**Signed for and on behalf of the manufacturer by:**

Name:

**Kees van Vliet**

Function:

**PMC Global R&D Manager Cellulosic PFP**

Place and date of issue:

**Amsterdam, April 20, 2021**

Signature:



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**WARRANTY**

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING

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