

STEELGUARD™ 751 AND STEELGUARD™ 851

DECLARATION OF PERFORMANCE No. DOP751/851/12

1. Unique identification code of the product-type:	STEELGUARD™ 751 and STEELGUARD™ 851
2. Intended use:	Solvent borne reactive coating for protection of load bearing steel elements
3. Manufacturer:	PPG Coatings Europe BV, Oceanenweg 2, 1047BB, Amsterdam, The Netherlands
4. Authorised Representative:	Not Applicable
5. System/s of AVCP:	System 1
6a. Harmonised Standard:	Not Applicable
Notified Body/ies:	
6b. European Assessment Document:	
European Technical Assessment:	ETA 22/0574
Technical Assessment Body:	UL International (Netherlands) B.V.
Notified Body/ies:	UL International (Netherlands) B.V.-NB 2821



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7. Declared Performance/s:	Essential Characteristics	Performance	Harmonized Technical Specifications
Basic requirement for construction work: Safety in case of fire			
	Resistance to fire	I/H section beam and columns R15, R20, R30, R45, R60, R75, R90, R105, R120 - Circular and rectangle/square hollow section columns, rectangle/square hollow section beams R15, R20, R30, R45, R60, R75, R90, R105, R120 All including slow heating	EN 13381-8: 2013 EN 13501-2: 2016
Basic requirement for construction work: Hygiene, health and environment			
	Content, emissions and release of dangerous substances	$R = \sum C1 / LC11 - 0.3 \text{ mg/m}^3$ after 28 days (+28 days pre-conditioning)	EN 16516:2017
Basic requirement for construction work: Safety and accessibility in use			
	Durability and serviceability; Behavior under different environmental conditions	- Primer and topcoat compatibility Passed exposure conditions: - Type X Durability - Type Y Durability - Type Z ₂ Durability - Type Z ₁ Durability	EAD 350402-00-1106, September 2017
8. Appropriate Technical Documentation and/or Specific Technical Documentation:	EAD 350402-00-1106, September 2017		



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STEELGUARD™ 751 and STEELGUARD™ 851 - Approved EAD 350402-00-1106 Systems		
Generic Primer Type	DFT Min	DFT Max
Short Oil Alkyd	25µm	75µm
Two Component Epoxy	50µm	150µm
Two Component Zinc Rich Epoxy	40µm	120µm
Galvanized Steel / Two Component Epoxy Tie Coat	50µm (tie coat only)	150µm (tie coat only)
Thermal Metal Spray (EN ISO 2063) / Two Component Epoxy Tie Coat	89µm / 50µm (tie coat)	267µm / 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 ₂	Z ₁	Y	X
No Top Coat	-	-	-	✓	✓		
SIGMADUR 520 / FREITANE 520	60µm	60µm	90µm	✓	✓		
SIGMADUR 550 / FREITANE 550	2 x 60µm	120µm	180µm	✓	✓	✓	✓



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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 Coatings Belgium BV/SRL Tweemontstraat 104 BE-2100 Deurne Antwerp Belgium 2821-CPR-0226 DoP751/851
ETA No 22/0574 - EAD 350402-00-1106 STEELGUARD™ 751 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Primer / topcoat compatibility: Passed exposure conditions Z ₂ , Z ₁ , Y, X See ETA for relevant characteristics

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ETA No 22/0574 - EAD 350402-00-1106 STEELGUARD™ 851 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Primer / topcoat compatibility: Passed exposure conditions Z ₂ , Z ₁ , 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, October 25, 2023

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, October 25, 2023

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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