

STEELGUARD™ 701 AND STEELGUARD™ 801

DECLARATION OF PERFORMANCE No. DOP701/801/15

1. Unique identification code of the product-type:	STEELGUARD™ 701 AND STEELGUARD™ 801
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 22/0048
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	Technical Specifications
Basic requirement for construction work: Safety in case of fire			
	Resistance to fire	I/H section beams and columns R15, R20, R30, R45, R60, R90, R120 - Including slow heating Circular and rectangle/square columns R15, R20, R30, R45, R60	EN13501-2:2016 EN13381-8:2013
Basic requirement for construction work: Hygiene, health and environment			
	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 XV1 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
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 701 and STEELGUARD 801 – Approved EAD 350402-00-1106 Systems		
Generic Primer Type	DFT Min	DFT Max
Short Oil Alkyd	40µm	110µm
Two Component Epoxy	50µm	150µm
Two Component Zinc Rich Epoxy	40µm	110µm
Two Component Zinc Silicate / Two Component Epoxy Tie Coat	40µm/50µm	70µm/60µm
Galvanized Steel / Two Component Epoxy Tie Coat	40µm (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 ₂	Z ₁	Y	X
No Top Coat	-	-	-	✓			
STEELGUARD 2458	75µm	75µm	120µm	✓	✓	✓	
SIGMADUR 550 / FREITANE 550	2 x 60µm	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 Coatings Belgium BV/SRL Tweemontstraat 104 BE-2100 Deurne Antwerp, Belgium 2821-CPR-0237 DoP701/801	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-0237 DoP701/801	PPG Coatings Europe BV, Oceanenweg 2, 1047 BB Amsterdam, The Netherlands Manufacturing plant: PPG Deco Polska sp. z.o.o. Lewkowiec Branch, 63-400 Ostrow Wlkp, Lewkowiec 68, Poland 2831- 2821-CPR-0237 DoP701/801	PPG Coatings Europe BV, Oceanenweg 2, 1047 BB Amsterdam, The Netherlands Manufacturing plant: PPG Deco Polska sp. z.o.o. Lewkowiec Branch 63-400 Ostrow Wlkp, Lewkowiec 68, Poland 2821-CPR-0237 DoP701/801
ETA No 22/0048 - EAD 350402-00-1106, STEELGUARD™ 701 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Primer / topcoat compatibility: Passed exposure conditions Z, Z, Y, X See ETA for relevant characteristics	ETA No 22/0048 - EAD 350402-00-1106, STEELGUARD™ 801 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Primer / topcoat compatibility: Passed exposure conditions Z, Z, Y, X See ETA for relevant characteristics	ETA No 22/0048 - EAD 350402-00-1106, STEELGUARD™ 701 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Primer / topcoat compatibility: Passed exposure conditions Z, Z, Y, X See ETA for relevant characteristics	ETA No 22/0048 - EAD 350402-00-1106, STEELGUARD™ 801 Reactive coating for fire protection of steel elements: Resistance to fire up to R120 Primer / topcoat compatibility: Passed exposure conditions Z, Z, 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, August 1, 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, August 1, 2023

Signature:




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WARRANTY

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