

STEELGUARD™ 703 AND STEELGUARD™ 803

DECLARATION OF PERFORMANCE No. DOP703/803/4

1. Unique identification code of the product-type:	STEELGUARD™ 703 AND STEELGUARD™ 803
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 22/0776
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	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 = $\sum C1 / LC11$ - 1.0 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™ 703 and STEELGUARD™ 803 - 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	115µm
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	110µm	✓	✓		
AMERCOAT 450E	60µm	60µm	90µm	✓	✓		
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-0242 DoP703/803	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-0242 DoP703/803	PPG Coatings Europe BV, Oceanenweg 2, 1047 BB Amsterdam, The Netherlands Manufacturing plant: PPG Deco Polska sp. z.o.o. Lewkowlec Branch, 63-400 OstrowWikp, Lewkowlec 68, Poland 2821-CPR-0242 DoP703/803	PPG Coatings Europe BV, Oceanenweg 2, 1047 BB Amsterdam, The Netherlands Manufacturing plant: PPG Deco Polska sp. z.o.o. Lewkowlec Branch 63-400 Ostrow Wikp, Lewkowlec 68, Poland 2821-CPR-0242 DoP703/803
ETA No22/0776 - EAD 350402-00-1106, STEELGUARD™ 703 Reactive coating for fire protection of steel elements: Resistance to fire up to R45 Primer / topcoat compatibility: Passed exposure conditions Z ₂ , Z ₁ , Y, X See ETA for relevant characteristics	ETA No 22/0776 - EAD 350402-00-1106, STEELGUARD™ 803 Reactive coating for fire protection of steel elements: Resistance to fire up to R45 Primer / topcoat compatibility: Passed exposure conditions Z ₂ , Z ₁ , Y, X See ETA for relevant characteristics	ETA No 22/0776 - EAD 350402-00-1106, STEELGUARD™ 703 Reactive coating for fire protection of steel elements: Resistance to fire up to R45 Primer / topcoat compatibility: Passed exposure conditions Z ₂ , Z ₁ , Y, X See ETA for relevant characteristics	ETA No 22/0776 - EAD 350402-00-1106, STEELGUARD™ 803 Reactive coating for fire protection of steel elements: Resistance to fire up to R45 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, 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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