

STEELGUARD™ 951

DECLARATION OF PERFORMANCE No. DOP 951/1

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|---|---|
| 1. Unique identification code of the product-type: | STEELGUARD™ 951 |
| 2. Intended use: | Two pack epoxy 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 22/0790 |
| Technical Assessment Body: | Element Materials Technology Rotterdam B.V. |
| Notified Body/ies: | Element Materials Technology Rotterdam B.V. NB 2812 |



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| 7. Declared Performance/s: | Essential Characteristics | Performance | Technical Specifications |
|---|------------------------------------|---|--------------------------------------|
| Basic requirement for construction work: Safety in case of fire | | | |
| Fire resistance | | I/H section beams and columns R15, R20, R30, R45, R60, R90, R120, R150, R180 – All including slow heating Circular and rectangle/square hollow section columns R15, R20, R30, R45, R60, R90, R120. | EN 13381-8: 2013 EN 13501-2: 2016 |
| 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 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 |
| 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™ 951 – Approved EAD 350402-00-1106 Systems | | |
|---|---------|---------|
| Generic Primer Type | DFT Min | DFT Max |
| No Primer | | |
| Two Component Epoxy | 53µm | 159µm |
| Two Component Epoxy (Sigmacover 280 tested on galv. layer of 50µm)* | 38µm | 113µm |
| Two component Zinc Rich Epoxy | 50µm | 164µm |
| Two component Polyurethane | 50µm | 155µm |

NOTES:

Please refer to PPG STEELGUARD APPROVED PRIMER Guide Sheet for the current list of approved primers.

* Sigmacover 280 is the only primer approved on galvanized steel, no generic approach is possible. Galvanized steel is sweep blast cleaned before primer application.

| Topcoat | DFT Tested | DFT Min | DFT Max | Environmental Conditions | | | |
|-----------------------------|------------|---------|---------|--------------------------|----------------|---|---|
| | | | | Z ₂ | Z ₁ | Y | X |
| No Topcoat | - | - | - | ✓ | ✓ | ✓ | ✓ |
| SIGMADUR 550 / FREITANE 550 | 50µm | 50µm | 75µm | ✓ | ✓ | ✓ | ✓ |

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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| <p>PPG Coatings Europe BV, Oceanenweg 2, 1047 BB Amsterdam, The Netherlands</p> <p>Manufacturing plant: PPG Deco Polska sp. z.o.o. Lewkowiec Branch 63-400 Ostrow Wlkp, Lewkowiec 68, Poland 2812-CPR-GA5058 DoP951</p> |
| <p>ETA No 22/0790 - EAD 350402-00-1106, STEELGUARD™ 951 Reactive coating for fire protection of steel elements: Resistance to fire up to R180</p> <p>Primer / topcoat compatibility: Passed exposure conditions Z₂, Z₁, Y, X See ETA for relevant characteristics</p> |

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, September 9, 2024

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, September 9, 2024

Signature:



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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