

# PPG STEELGUARD®

## Approved topcoats

### INTRODUCTION

This information sheet contains a list of PPG topcoats and topcoat systems approved for the PPG STEELGUARD intumescent product range outside the scope of UL 263 certification and European CE MARK.

For the recommended application conditions/instructions/guidance and surface preparation please see the relevant product data sheets. For overcoating intervals of the PPG STEELGUARD product to be topcoated and handling / transportation / erection please see Information Sheet 1222 – PPG STEELGUARD INTUMESCENT COATINGS – APPLICATION GUIDELINES and the relevant product data sheets.

All topcoats must be PPG approved as part of the fully applied system. Non-tested topcoats should not be used. If the topcoat you require is not shown below, please contact PPG for guidance.

### TOPCOATS

# Refer to product specific UL263 certification and DoP documents for CE mark approved topcoats, durability categories and DFT guidance.

Selection of topcoats #		
Exposure (ISO 12944)	Waterborne Options PPG STEELGUARD 651	Solvent Based Options PPG STEELGUARD 550, 564, 701, 702, 703, 751, 801, 802, 803 & 851
C1/C2 Internal	1 x PPG STEELGUARD 2458, 1 x WB acrylic 1 x SB epoxy acrylic 1 x SB PU 1 x WB PU 1 x SB Polyaspartic	1 x PPG STEELGUARD 2458, 1 x SB acrylic 1 x SB epoxy acrylic 1 x SB PU
C3/C4/C2 External	N/A	2 x PPG STEELGUARD 2458, 2 x SB PU

Approved topcoats #				
Topcoat/ Topcoat system	Approved dft per coat [µm]	PPG STEELGUARD WB Options	PPG STEELGUARD SB Options	Generic type
PPG AMERCOAT 450 S	60	C1 / C2 Internal	C1/C2 /C3/C4	SB PU
PPG AMERCOAT 450 X	60	C1 / C2 Internal	C1/C2/C3/C4	SB PU
PPG ASCODUR 600 SG	50	C1 / C2 Internal	-	WB PU
PPG KWIKSPAR 600 SG	60	C1 / C2 Internal	-	SB PA
PPG PITT-TECH PLUS SG	75	C1 / C2 Internal	-	WB acrylic
PPG AQUACOVER 40	50	C1 / C2 Internal	-	WB acrylic
PPG AQUACOVER 45	50	C1 / C2 Internal	-	WB acrylic
PPG SIGMADUR 520	60	C1 /C2 Internal	C1/C2/C3/C4	SB PU



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Approved topcoats # (continued)				
Topcoat/ Topcoat system	Approved dft per coat [µm]	PPG STEELGUARD type 1	PPG STEELGUARD type 2	Generic type
PPG SIGMADUR 540	60	C1 /C2 Internal	C1 / C2	SB epoxy acrylic
PPG SIGMADUR 550	60	C1 /C2 Internal	C1/C2/C3/C4	SB PU
PPG STEELGUARD 2458	60	C1 /C2 Internal	C1/C2/C3/C4	SB acrylic

## Notes

- As a general rule the DFT of the topcoat or topcoat system should not exceed the DFT approved by more than 50%, please consult the Product Data Sheet or PPG for additional details.. DFT's significantly lower than those stated in the tables below will affect the performance of the coating system adversely.
- Before the application of the topcoat or topcoat system the following conditions shall be met:
  - The PPG STEELGUARD intumescent coating shall be applied in accordance with the Product Data Sheet
  - The PPG STEELGUARD intumescent coating shall be within its stated overcoating period
  - The PPG STEELGUARD intumescent coating shall be intact and free from damage and degradation
  - The PPG STEELGUARD intumescent coating shall be clean and free from any contamination
- Where offsite application of the topcoat or topcoat system is carried out, sufficient drying time must be allowed prior to handling, transportation and erection to minimize damage. Drying times will increase significantly with higher applied DFTs for PPG STEELGUARD intumescent coatings and be dependent on application and drying conditions and the section type. The generic type of the topcoat will also influence dry-to-handle times.
- Where fast track processing is required with topcoats on high DFT PPG STEELGUARD intumescent coatings and/or on vulnerable sections, please contact PPG.
- Tables above refer to solid colours only.
- If the topcoat or topcoat system you are looking for is not included, please contact PPG.
- SB= solvent-borne; WB= waterborne, PU= Polyurethane; DFT= Dry Film Thickness



# PPG STEELGUARD®

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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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