

PPG STEELGUARD®

Approved primers

INTRODUCTION

This information sheet contains a list of PPG primers and primer systems approved for the STEELGUARD intumescent product range within or outside the scope of product UL263 certification and European CE MARK.

For the recommended application conditions/instructions/guidance, surface preparation and overcoating interval please see the relevant product data sheets.

All primers and/or primer systems must be approved by PPG.

If the primer or primer system you are looking for is not included, please contact PPG.

APPROVED PRIMERS

Refer to product specific UL263 Certification or DoP document for CE MARK generic primer types and DFT tolerances.

Approved primers #				
Primer/Primer system	Approved Min. DFT (µm)	Approved Max. DFT (µm)	Approved for	Generic type/Comments
PPG AMERCOAT 182 ZPHB	50	150	SB, WB	Zinc phosphate epoxy
PPG AMERLOCK 2C	75	150	SB, WB	Surface-tolerant epoxy; For touch-up only
PPG AMERLOCK 400C	75	150	SB, WB	Surface-tolerant epoxy; For touch-up only
PPG AQUACOVER 20	75	100	SB, WB	Acrylic dispersion
PPG AQUACOVER 200	75	100	WB	WB Epoxy
PPG SIGMACOVER 2	75	150	SB, WB	Surface-tolerant epoxy; For touch-up only
PPG SIGMACOVER 256	75	150	SB, WB	Zinc phosphate epoxy
PPG SIGMACOVER 280	50	100	SB, WB	Epoxy
PPG SIGMACOVER 350	100	150	SB, WB	Epoxy
PPG SIGMACOVER 522	40	100	SB	Epoxy MIO
PPG SIGMAFAST 20	50	110	SB, WB	Alkyd
PPG SIGMAFAST 205	75	150	SB, WB	Zinc phosphate epoxy
PPG SIGMAFAST 205 LT	75	150	SB, WB	Zinc phosphate epoxy
PPG SIGMAPRIME 200	75	150	SB, WB	Epoxy
PPG SIGMAPRIME 700	100	150	SB, WB	HS Epoxy
PPG SIGMAWELD 120	20	25	SB	Zinc phosphate epoxy
PPG SIGMAZINC 109HS	60	110	SB	Zinc-rich epoxy
PPG SIGMAZINC 109HS + PPG SIGMACOVER 280	60 40	110 60	SB, WB	Zinc-rich epoxy + Epoxy sealer

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Notes

1. The above mentioned primers are approved for mild steel substrates only. For the treatment of other ferrous substrates, galvanised steel and metal spray please refer to latest information sheet 1222 (PPG STEELGUARD Application Guidance document).
2. SB= Solvent-borne intumescent coatings: PPG STEELGUARD 550, 564, 701, 702, 703, 751, 801, 802, 803 and 851
3. WB= Waterborne intumescent coatings: PPG STEELGUARD 651
4. Before the application of the intumescent coating the following conditions shall be met:
 - The primer shall be applied in accordance with the Product Data Sheet
 - The primer shall be within its stated overcoating period
 - The primer shall be intact and free from damage and degradation
 - The primer shall be clean, dry and free from any contamination
5. Aluminium primers or variations of the above primers containing aluminium are not approved for use with PPG STEELGUARD intumescent coatings.
6. SB= solvent-borne; WB= waterborne; DFT= Dry Film Thickness

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