

Printed on: 10 Feb 2012

Registration No.	1147
Title	Coating System for Galvanised Steel: SigmaCover 280 & SigmaDur 550 or SigmaDur 540
Status	Authorised For Use
Supersedes ProductID	N/A
Superseded By ProductID	N/A
Date Authorised for Use	22 Sep 2011
Primary Use	N9 & N9 (XN90) Coating System for New Works for application to bridges and structures to provide a minimum expected service life of 25 years.
Additional Info/KeyWords	Manufacturer: PPG Protective & Marine Coatings, Micro House, Station Approach, Wood Street North, Alfreton, Derbyshire, DE55 7JR. Tel. 01773 837300. Website:www.ppg.pmc.com This paint system consists of an epoxy primer (SigmaCover 280) followed by either a polyurethane gloss (SigmaDur 550) or an epoxy acrylic gloss (SigmaDur 540) topcoat finish.
Classification Hierarchy	Civil
Manufactured By	PPG Protective & Marine Coatings

Requirements

ReqID	Requirement	Status	Trial
No records to display.			

Conditions

Description	Linked To ReqID
Follow manufacturer's instructions and refer to technical data sheets.	
<ul style="list-style-type: none"> Degrease and clean. Abrade the galvanised steel or flash blast with inert grit to provide a surface profile of (Rz) 30 microns. Apply one coat of SigmaCover 280 at 100 microns dry film thickness. Apply SigmaDur 550 or SigmaDur 540 at 50 microns dry film thickness. Ensure that the surface is clean, dry and free from any contamination prior to application of each coat. 	
Prior to use an assessment must be carried out according to the COSHH (Control of Substances Hazardous to Health) regulations.	
This coating system is suitable for surface locations only as it is not compliant with LU Standard 1-085 'Fire Safety Performance of Materials' and cannot be used in below ground locations.	

Evidence

EvidenceText	EvidenceType	FileName	Linked To ReqID
N9 Certificate Number N9/034 Polyurethane Finish (Gloss)	Consultation	N9 System - Polyurethane Finish.pdf	
N9-XN90 Certificate Number XN90/N9/068 Epoxy Acrylic Finish (Gloss)	Consultation	N9-XN90 System - Epoxy Acrylic Finish.pdf	
Technical Data: SigmaCover 280 - Epoxy Primer	User Guide	7417 11-2010 sigmacover 280.pdf	
Health & Safety Data: SigmaCover 280 Base - Epoxy Primer	Safety Data / Information	msds SigmaCover 280 [7417] BASE.pdf	
Health & Safety Data: SigmaCover 280 Hardener - Epoxy Primer	Safety Data / Information	msds SigmaCover 280 [7417] HARDENER.pdf	
Technical Data: SigmaDur 550 - Polyurethane Topcoat Gloss	User Guide	7537 12-2010 sigmadur 550.pdf	
Health & Safety Data: SigmaDur 550 Base - Polyurethane Topcoat Gloss	Safety Data / Information	msds SigmaDur 550 [7537] BASE.pdf	
Health & Safety Data: SigmaDur 550 Hardener - Polyurethane Topcoat Gloss	Safety Data / Information	msds SigmaDur 550 [7537] HARDENER.pdf	

EvidenceText	EvidenceType	FileName	Linked To ReqID
Technical Data: SigmaDur 540 - Epoxy Acrylic Topcoat Gloss	User Guide	7740 12-2010 sigmadur 540.pdf	
Health & Safety Data: SigmaDur 540 Base - Epoxy Acrylic Topcoat Gloss	Safety Data / Information	msds SigmaDur 540 [7740] BASE.pdf	
Health & Safety Data: SigmaDur 540 Hardener - Epoxy Acrylic Topcoat Gloss	Safety Data / Information	msds SigmaDur 540 [7740] HARDENER.pdf	

Refer to Web site www.lu-apr.co.uk to check current status, download attachments and for details of other products.

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