

Specification Sheet Decorative Specification G5VH

Galvanized Steelwork

New Construction

Customer:	0	Author:	0
Project:	0	Date:	31 August 2021

Environment ISO 12944:

C5 - Industrial areas with high humidity & aggressive atmosphere / Coastal areas with high salinity.

Durability (Life to First Major Maintenance): - Very High Durability: >25 years

Surface Preparation:

ISO 12944 Standard Surface Preparation: Flash/Sweep blast using a non-metallic abrasive. Average surface profile of 20-30 microns.

Coat	Product	Product Type	Film Thickness µm		TSR	Volume	Mixing	Pot Life
	Product		Dry	Wet	(sqm/ltr)	Solids %	Ratio	23°C
1st	Macropoxy [®] 400	Zinc Phosphate Epoxy	190	271	3.7	70	7:1	1½ hrs
2nd	Acrolon [®] 7300 Gloss or Semi-Gloss	Acrylic Polyurethane	50	74	13.6	68	10 : 1	2 hrs

TSR = Theoretical Spread Rate

Product Code	Thinners	Touch Dry	Recoat	Touch Dry	Recoat	Sag	Colour	Pack	Product Information	
		15°C	15°C	23°C	23°C	Tolerance	Range	Size	Froduct mormation	
400	Thinning - No.9/13 for	1½ hrs	5 hrs	1 hr	3½ hrs	400µm d.f.t	Limited Inc, MIO	20 & 5 ltr	400 Data Sheets and Information	
7300	No.15 for Thinning - No. 5 for Cleaning	4 hrs	9 hrs	1 hr	7 hrs	150µm d.f.t	Wide Range	20 & 5 ltr	7300 Data Sheets and Information	

D.F.T = Dry Film Thickness

Alternative Certified Systems using Macropoxy® K267 and Macropoxy® 646 are available

Notes:

- 1 Alternative approved topcoats are available, please contact Sherwin-Williams[®] Technical Customer Support for further information.
- 2 Dry film thicknesses (d.f.t.) quoted are NOMINAL as defined by BS EN ISO 12944-5.
- 3 ISO12944 states that Durability is not a guarantee time. Durability should be considered as the coating design life, where regular minor maintenance should be scheduled to achieve the required life to first major maintenance.
- 4 The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.
- 5 Stripe Coat all edges, welds and areas of difficult access to ensure full film thickness
- 6 Subject to shade and method of application, multiple coats of the finish coat may be required to achieve the dft/ full colour obliteration.
- 7 All materials should be obtained from Sherwin-Williams[®] and must be applied in accordance with our technical data sheets.
- 8 Certification available from Sherwin Williams® Technical Customer Support
- 9 Non-Certified specifications available using Mordant Wash preparation, available from Sherwin Williams® Technical Customer Support
- 10 This specification is offered as guidance only. To ensure that the most appropriate materials are used, please contact Sherwin-Williams[®] with the project details.