



Tel: 01204 556 457
technicale@sherwin.com

Specification Sheet

Decorative Specification **G3H**

Galvanized Steelwork

New Construction

Environment ISO 12944:

C3 - Urban atmospheres with moderate sulphur dioxide pollution. Production rooms with high humidity and some air pollution

Durability (Life to First Major Maintenance): - High Durability: 15 to 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 (sqm/ltr)	Volume Solids %	Mixing Ratio	Pot Life 23°C
			Dry	Wet				
1st	Macropoxy® 400	Zinc Phosphate Epoxy	70	100	10.0	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 15°C	Recoat 15°C	Touch Dry 23°C	Recoat 23°C	Sag Tolerance	Colour Range	Pack Size	Product Information
400	No.2 for Thinning - No.9/13 for	1½ hrs	5 hrs	1 hr	3½ hrs	400 μm 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	150 μm 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:

- Alternative approved topcoats are available, please contact Sherwin-Williams® Technical Customer Support for further information.
- Dry film thicknesses (d.f.t.) quoted are NOMINAL as defined by BS EN ISO 12944-5.
- 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.
- 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.**
- Stripe Coat all edges, welds and areas of difficult access to ensure full film thickness
- Subject to shade and method of application, multiple coats of the finish coat may be required to achieve the dft/ full colour obliteration.
- All materials should be obtained from Sherwin-Williams® and must be applied in accordance with our technical data sheets.
- Certification available from Sherwin- Williams® Technical Customer Support
- Non-Certified specifications available using Mordant Wash preparation, available from Sherwin-Williams® Technical Customer Support
- This specification is offered as guidance only. To ensure that the most appropriate materials are used, please contact Sherwin-Williams® with the project details.