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Specification Sheet

Decorative Specification **Z3**

Galvanized Steelwork

New Construction

Environment ISO 12944:

C3 - Urban atmospheres with moderate sulphur dioxide pollution. Production rooms with high humidity and some air pollution / **C4** - Industrial Areas, Chemical Plants Swimming Pools Etc. / **C5** - Industrial areas with high humidity & aggressive atmosphere / Coastal areas with high salinity.

Durability (Life to First Major Maintenance): - Up to 20 Years

Surface Preparation:

Option 1: Flash/Sweep blast using a non-metallic abrasive. Average surface profile of 20-30 microns.

Option 2: Clean and degrease with diluted Degreaser™ W500, fresh water rinse and allow to dry. Once dry apply Mordant Wash™ L703 as per the technical data sheets.

Coat	Product	Product Type	Film Thickness µm		TSR	Volume	Mixing	Pot Life
			Dry	Wet	(sqm/ltr)	Solids %	Ratio	23°C
1st	Macropoxy™ K267	Epoxy Undercoat / MIO	100	152	6.6	66	4 : 1	2hrs
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
K267	No.5 for Thinning and Cleaning	3 hrs	6 hrs	2 hrs	4 hrs	200µm d.f.t	LG & DK Grey MIO	20 & 5 ltr	K267 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

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 Subject to shade, multiple coats of the finish coat may be required to achieve the dft/ full colour obliteration.

6 Where break-down has occurred in galvanizing and the underlying steel is corroding, any rust areas must be prepared by spot blasting to Sa2½ or mechanically cleaning to a minimum St3. The edges of surrounding galvanizing should be feathered off, and the prepared area primed with Zinc Clad™ IV EU or Macropoxy™ M902 overlapping onto the feathered edges.

7 All materials should be obtained from Sherwin-Williams and must be applied in accordance with our technical data sheets.

8 This specification is offered as guidance only. To ensure that the most appropriate materials are used, please contact Sherwin-Williams with the project details.