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Specification Sheet

ISO 12944-5 Ref: (C3F)

Steelwork

New Construction

ISO12944-5 : C3 Environment - Urban atmospheres with moderate sulphur dioxide pollution. Production rooms with high humidity and some air pollution
High Durability (15-25 years)

Surface Preparation:

Blast Clean to Sa2½ BS EN ISO 8501-1:2007 - Surface Profile between 50 - 75µm

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	180	257	3.9	70	7 : 1	1½ hrs

TSR = Theoretical Spread Rate

Product Code	Thinner / Cleansers	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 Cleaning	1½ hrs	5 hrs	1 hr	3½ hrs	400µm d.f.t	Limited Inc, MIO	20 & 5 ltr	400 Data Sheets and Information

D.F.T = Dry Film Thickness

Notes:

1 Dry film thicknesses (d.f.t.) quoted are minimum nominal as defined by BS EN ISO 12944-5.
2 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.
3 Stripe coat all edges, welds and areas of difficult access, to ensure full film thickness.
4 Coated steelwork should be protected to prevent prolonged contact with water, e.g. ponding.
5 All epoxy coatings will discolour and chalk progressively. Later application (site touch-up) may be noticeable.
6 All materials should be obtained from Sherwin-Williams and must be applied in accordance with our product data sheets.
7 Dry film thickness can be applied as 1 or 2 coats.
8 For fire protection systems, please contact Sherwin-Williams.
9 This specification is offered as guidance only. To ensure that the most appropriate materials are used, please contact Sherwin-Williams with the project details.