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# Specification Sheet

ISO 12944-5 Ref: (C1D)

Steelwork

New Construction

ISO12944-5 : C1 Environment - Heated buildings with clean atmospheres.  
 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	75	107	9.3	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	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	<a href="#">400 Data Sheets and Information</a>
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	<a href="#">7300 Data Sheets and Information</a>

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 Coated steelwork should be protected to prevent prolonged contact with water, e.g. ponding.
- 4 Subject to shade, multiple coats of the finish coat may be required to achieve the dft/ full colour obliteration.
- 5 All materials should be obtained from Sherwin-Williams and must be applied in accordance with our product data sheets.
- 6 For fire protection systems, please contact Sherwin-Williams.
- 7 This specification is offered as guidance only. To ensure that the most appropriate materials are used, please contact Sherwin-Williams with the project details.