Issue Date: Apr 2018
Reference: PB60-
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MC Prepbond Primer

Product Description	**A single pack, moisture cured primer** for hand-prepared steelwork.
Features & Use	• Can be applied in cold, damp conditions at humidity up to 95% • Fast curing at low temperatures • Designed primarily for the Transmission Tower painting market • Can be used for any steelwork painting program where cold and damp conditions are likely and fast curing is required
Approvals/ Certification	Please consult Axalta Coating Systems
Finish	Matt
Volume Solids	55 ± 2%
VOC Content	381 ± 20 g/litre

Film Thickness Range And Coverage

	Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
Minimum	40 µm	73 µm	13.7 m^2/litre
Maximum	80 µm	145 µm	6.8 m^2/litre

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated

Drying Times

Applied to 50 microns DFT		+5°C	+10°C	+23°C
Dust Free		2 hr	1 hr	30 min
Hard Dry		4 hr	3 hr	2 hr
Overcoating	Minimum	4 hr	2 hr	1 hr
	Maximum	3 days	3 days	3 days

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation

Colours	Metallic Red (PB601) and Silver Aluminium (PB600)
Product Code	**06WPB-MRD-5** (PB601) and **06WPB-SIL-5** (PB600)
SG	1.1 kg/lt
Storage Conditions	Store in dry, cool conditions and protect from frost
Shelf Life	6 months if stored as above in unopened containers
Flash Point	23-60°C

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Surface Preparation	• All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination. Where necessary, remove weld spatter and grind smooth all sharp edges and weld seams • The performance of this paint will depend on the degree of surface preparation • Ideally blast clean to Sa2 - Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns • Where blast cleaning is impractical the surface should be prepared to St2 (ISO 8501-1:2007) taking care to avoid 'polishing' the surface • When recoating aged coated substrates, damaged areas must be removed back to a firm edge. Ensure compatibility with the existing coatings by applying a test area. It may be necessary for adhesion to lightly abrade the existing coating surface to provide a key
Mixing	Must be mixed thoroughly, preferably by using a mechanical agitator, before use. Agitate periodically to ensure paint remains homogeneous
Thinner	Not recommended **Equipment Cleaner** No.4 Thinner
Application Conditions	Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should ideally not exceed 90% and the steel temperature should remain at least 2ºC above the dew point. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Paint temperature should ideally be at a minimum of 15ºC.
Application Methods	**Method** / **Airless Spray**: See below / **Conventional Spray**: See below / **Brush**: Yes / **Roller**: Yes • Designed primarily for brush/roller application • For spray application, please consult Axalta Coating Systems
Product Notes	• **Contains isocyanates** – refer to Safety Data Sheet • This product uses moisture to cure. It can therefore be applied under cold, damp conditions and high humidity. The surface should be free from ice and visually dry • A dry film thickness of 50 µm per coat is recommended • Designed as the primer in a moisture-cured (MC) urethane system – please consult Axalta Coating Systems for advice
Health & Safety	Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.