



Paint Manufacturers

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PRODUCT DATA SHEET

385 HD STRUCTURAL STEEL

Description	HD Structural Steel is a medium-high build, chlorinated rubber based paint that produces attractive, durable, rust, corrosion and impact resistant finishes	
Features	<ul style="list-style-type: none"> • Highly resistant to abrasion and impact damage • Virtually impervious to water penetration • Non affected by most acids, caustics, strong sunlight, chemically corrosive atmospheres, oils and greases • Non supporters of algae, fungus and mould growth • Durable, long lasting attractive finish • Easily applied by brush, roller or airless spray 	
Typical Uses	HD Structural Steel paints are very versatile surface coatings. They may be used on their own as a one or two coat decorative/protective coating on metal roofs or on structural steel in benign atmospheres. They are also widely used in more complex high build paint systems.	
Application Data	Gloss:	Semi-Gloss
	Colour:	14 colour card colours as well as an extensive range of tinted colours e.g., AS2700
	Shelf Life @ 25°C:	12-24 months
	Thinner:	Chlorinated Rubber Thinners
	Clean Up:	Chlorinated Rubber or aromatic hydrocarbon thinners
	Spread Rate:	4m ² /lt (100 micron DFT) less losses due to application method, conditions of application and surface characteristics
	Dry Times:	Dust Free: 20 minutes Touch Dry: 2-3 hours Full-Cure: 3 days
	Application:	May be applied by conventional spray, pressure pot or airless spray.
	Container Sizes:	10lt

**Application
Summary**

Structural steel is never free of rust. For this reason thorough preparation of the surface is important. The best preparation is achieved by sand or shot blasting in accordance with AS1627.4 Class 2.5. Weathered galvanized iron should be washed down with solvent. The surface needs to be clean, dry and free from any contaminants such as dust, dirt, grease, oil or any other loosely adhering materials. A prime coat of 150 Etch Primer or 125 Metal Primer should be applied first and allowed to dry.

Previously painted surfaces need to be sufficiently abraded using 180-240 grit to provide a sufficient key. Perform a small test area first to ensure suitability and compatibility.

Thoroughly stir contents before use. Ensure colour is correct before using. Paintec accepts no responsibility for the application of incorrect colours. If necessary, box colours together to ensure colour consistency. Apply by brush, roller or airless spray. When applying as a first coat directly on to mild steel or weathered galvanised iron, application by brush is the preferred method although satisfactory results may be obtained by roller or airless spray. Brush, roller or spray applications of subsequent coats are equally effective. Thinning is not always necessary, however, if required it should be no more than 20% with Chlorinated Rubber Thinners.

Precautions

Contains flammable solvents. Keep away from heat and flame. Provide adequate ventilation and wear protective clothing. Material Safety Data Sheet available on request.

Classification

UN 1263
DG CLASS 3 PKG II
HAZCHEM 3 [Y]E

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Due to differences in substrates, application methods and local conditions purchasers of this product must ensure that it is suitable for their specific application before using this product. While the information contained in the PDS is accurate to the best of our knowledge, Paintec Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the Company's liability in relation to defective product shall be limited to replacement or repair of the product or the supply of equivalent product.