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## PRODUCT INFORMATION SHEET

4-5-10

# MARINE CC-WATER BASED

### Description:

*HiChem Marine CC-Water Based* is a general purpose, fast air dry water based coating. It exhibits good exterior durability and corrosion resistance. It is a primer and top coat in one.

### Uses:

*Marine CC-Water Based* is used for refinishing and touch up of shipping containers.

It is suitable for both interior and exterior application.

It is particularly useful for interior spaces because once dry it does not leave the residual odour which is a drawback for enamel coatings. It is plasticised with non chlorinated and non phthalate components. Thus the risk of cargo contamination is virtually eliminated.

*Marine CC-Water Based* is intended for use where speed of drying is important.

It may also be used for sheet steel, vehicle chassis, agricultural equipment, metal furniture, cabinets and electrical switchboards.

### Properties

- Low residual odour.
- Low VOC. Complies with the VOC Requirements of EU Directive 2004/42/EC
- Fast drying
- Good through drying properties in cold humid conditions
- No surface flash rust
- Good adhesion to steel
- Low gloss finish
- Good exterior durability

### Suitable Substrates

Suitable over old paint coatings and bare steel.

### Surface Preparation:

Use Power Tools to remove rust and old flaking paintwork and for flattening old paint. Treat rusted areas with *Rust Converter & Primer Sealer*.

Pre-painted surfaces : Can be applied directly to pre-painted surfaces in sound condition. Surface should be clean and dry. Preparation such as flattening and cleaning with *Prepwash Wax & Grease Remover* will improve performance.

Bare steel: Clean and degrease thoroughly with *Prepwash*.

Non ferrous metals: Substrates such as aluminium, zinc-alum, copper and galvanised steel should first be abraded using a coarse abrasive pad. Clean with *Prepwash* wax and grease remover. Then apply *HiChem Super Etch Primer* or *HiChem Industrial Etch Primer*.

### Thinning:

Thin with up to 5% *Water* or *Methylated Spirits*, depending on weather conditions

### Application:

Apply by roller, brush, airless spray or conventional spray gun.

For spray application apply 1 light to medium coat, followed by a medium to heavy coat with 10 - 15 minute air flash between coats depending on temperature.

Recommended dry film thickness 55-100 micron.

### Cleanup:

Use Water, followed by Methylated Spirits

**Drying Time :**

At 20°C, dry film build 25 microns.

- touch dry -approx. 45 minutes.
- hard dry - overnight.

**Recoat Time**

Can be re-coated at any time.

**Coverage:**

Theoretical 4 m<sup>2</sup> per litre at 125 microns dry film thickness.

**Volume Solids:** 35%

**Volatile Organic Compounds (VOC) :** 180g/L

**Standard Packages :**

20 litres

**Factory Colours :**

We can supply any colour. Contact our Sales Rep. or office

*The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.*