



# COTECH 3

## Anti Corrosion Paint

### Description:

**Cotech 3** is a superior quality 2 part, hard wearing polyurethane-acrylic anticorrosion and adhesion coating **Cotech 3** adheres to steel, aluminium, galvanised or zinc coated surfaces as well as mineral substrates and certain types of plastic. **Cotech 3** dries to an attractive semi-matt finish. A gloss finish is available on request.

### Uses

Cotech 3 provides a good UV resistant coating to various substrates. It can also be used as an anticorrosion primer for steel surfaces. Cotech 3 can be used as an anti graffiti coating in conjunction with recommended solvents and cleaners.

### Advantages

- \* Good chemical resistance.
- \* Easily cleaned.
- \* Good protection against mould and bacteria infection.
- \* Does not fade in UV light.
- \* Available in a wide range of RAL colours.

### Technical Information:

<b>Coverage:</b>	Approx. 8 sq mt per lt. @ 50 microns, depending on surface profile and porosity.
<b>Pot Life:</b>	Approximately 6-8 hours after mixing.
<b>Full Cure:</b>	Seven days for full chemical resistance at 20 deg C.
<b>Dry Film thickness:</b>	40-120 microns (depending on the environment)
<b>Solids content:</b>	60% by volume
<b>Tack free time:</b>	4 hours @ 20 deg C
<b>Hard:</b>	20 hours
<b>Recoatable:</b>	12 hours

### Method of use:

#### Preparation

All surfaces to be coated with **Cotech 3**, must be clean, dry and free from grease, oil etc. Marine environments must be thoroughly washed to remove all traces of saltwater before applying two coats of **Cotech 3**. All loose and flaking surfaces should be wire brushed or otherwise abraded, prior to application. New concrete or plaster **must** be given sufficient time to thoroughly dry out.

#### Priming

No special priming is required with **Cotech 3**

#### Mixing

Cotech 3 is a 2 pack material. Add the hardener to the base and mix using a slow speed drill and paddle. Hand mixing is permissible but needs to be carefully and thoroughly done. It is recommended that full mixes always be used. The mixing ratio, by volume, is 4:1.

#### Application

One coat of **Cotech 3** is generally sufficient when applied at 40-60 microns. When using lighter colours, further coats may be required. Two coats are generally required when the material is going to be used in aggressive environments or when the material is being applied by roller. The product can be applied by spray, brush or roller. When spraying Cotech 3, it needs to be diluted with PU thinners.

**Dilution Rates with PU thinners:** Airless application: 0-10%, Airmix application: 5-10%, Air assist application: 10-20%

**Recommended spray nozzle for airless spray:** 0,015 – 0,017” 50 – 80 deg. Angle.

**Application Conditions:** Relative air humidity: max 85% (no condensation on the substrate)  
Temperature during application and drying: 2 deg above the dew point.  
Max temperature during application: 40 deg C.

#### Health and Safety

**Cotech 3** contains solvents, so smoking is prohibited while applying this material. It is advisable to wear eye protection and gloves when applying any resin based paint. Always use in well ventilated areas and avoid contact with food during application.

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