

Rev 01 (11/07/22)

# Application Guide Humidur® TC



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# **HUMIDUR.**

Let's face corrosion.

## 1. Surface preparation

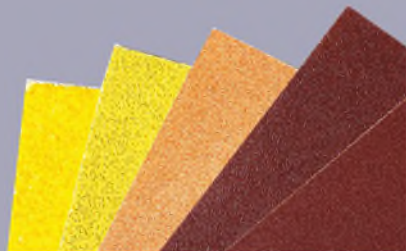
**Step 1.** For contaminated surfaces, remove fouling, dirt and salts by power wash.



**Step 2.** Degrease the surface.



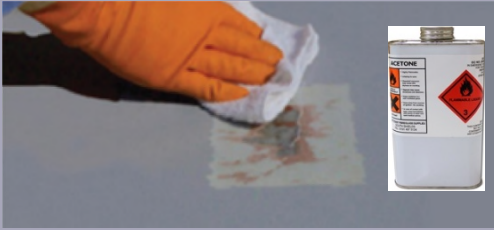
**Step 3.** For coatings other than Humidur: roughen the surface with an orbital electric sander or abrasive paper.



**Step 4.** Remove dust and clean with fresh water.



**Step 5.** Clean with cleaning agent.



**Step 6.** Check the surface preparation.

- Check for *salts* (Bresle) – ISO 8502-6, ISO 8502-9 ( $< 60 \text{ mg/m}^2$ )



- Check for *dust* – ISO 8502-3 ( $Q \leq 3, C \leq 3$ )



## 2. Coating application

**Step 7.** Delivered in pre-dosed pails (A and B).

Check the labelling: - Mixing ratio by weight: 7,6 : 1  
- Mixing ratio by volume: 5,9 : 1



**Step 8.** Temperature non-mixed in warm water bath  
Humidur TC: 20 – 25 °C



20 – 25 °C

**Step 9.** Transport the pails in an insulated box to the area to be coated. This way the pail will not cool down.



20 – 25 °C

**Step 10.** Agitate component A only prior to mixing. Empty Component B into A and mix for 3 minutes.



3 min

**Step 11.** Temperature after mixing Humidur TC: 20 – 25 °C.



25 °C



**Step 12.** Temperature surface > Dew point + 3 °C. No condensation allowed!



**Step 13.** Apply the product by:

- Brush / Roller
- Airless spray
- Conventional spray



**Step 14.** Check the wet layer thickness during application.  
Consult your Acotec representative for the required thickness.

**WFT = DFT**



**Step 15.** Allow curing: at 23 °C: 3 days  
Does not cure under water.



Please consult the SDS and TDS for the required information regarding the potential hazards of Humidur TC and for the HSE requirements to safely apply it.

