

Rev 01 (15/05/24)

Application Guide Humidur® FP Brush LT



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HUMIDUR.

Let's face corrosion.

1. Surface preparation

Step 1. Remove fouling, dirt and salts by power wash.



Step 2. Degrease the surface.



Step 3.

Option 1. Grit blast the surface by abrasive blasting to Sa 2½ (ISO 8501-1) & roughness $60 \pm 10 \mu\text{m}$.



Option 2. Minimal preparation with power tools to roughen the surface to St 2 or St 3 (ISO 8501-1).



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 mg/m²)



- Check the *roughness* – ISO 8503-2 (optimal surface prep: 60 ± 10 µm; minimal prep: original profile)



- Check for *dust* – ISO 8502-3 (Q ≤ 3, C ≤ 3)



2. Coating application

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

- Check the labelling: - Mixing ratio by weight: 3,7 : 1
- Mixing ratio by volume: 3,475 : 1

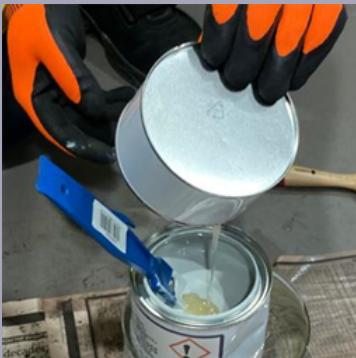


Step 8. Temperature non-mixed
Humidur FP Brush LT: 5 – 15 °C



5 – 15 °C

Step 9. Agitate component A prior to mixing. Empty Component B into A and mix for 3 minutes.



3 min

Step 10. Temperature after mixing Humidur FP Brush LT: 5 – 15 °C.



5 – 15 °C

Step 11. Ideal temperature surface: 0 °C – 15 °C. No condensation allowed!

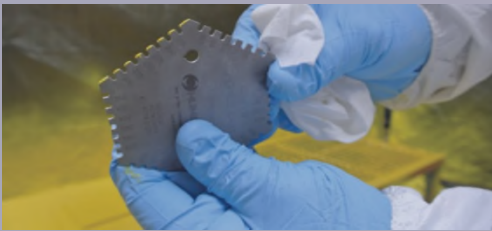


Step 12. Apply the product by brush.



Step 13. Check the wet layer thickness during application.
Consult your Acotec representative for the required thickness (max. WFT 400 µm per coat).

WFT = DFT



Step 14. Allow curing: at 10 °C: 72 hours
Capable of curing under water.



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