

02-10-2019 / REVISION 01

# HUMIDUR.

Application Guide  
Humidur® FP QR



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## Surface Preparation

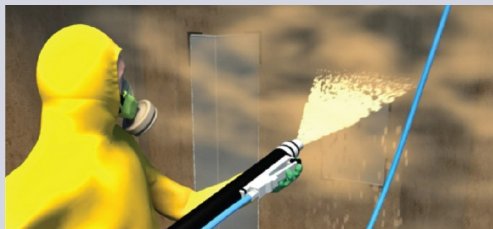
**Step 1.** Remove fouling, dirt and salts by powerwash



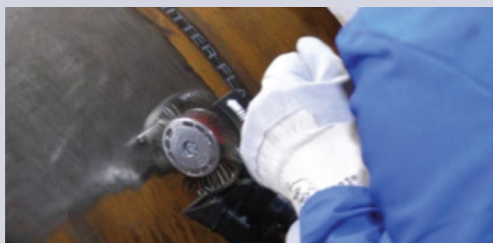
**Step 2.** Degrease the surface



**Step 3 - Option 1.** Gritblast the surface by abrasive blasting to Sa2,5 (ISO 8501) and roughness  $\pm 60 \mu\text{m}$



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





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**Step 4. Remove dust**



**Step 5. Clean with cleaning agent**



**Step 6. Check surface preparation**

Check for salts (Bresle) - ISO 8502-6



Check the roughness - ISO 8503-2



Check for dust - ISO 8502-3





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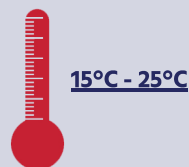
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## Coating Application

**Step 7.** Delivered in pre-dosed cartridges (A and B) with static mixer



**Step 8.** Store the product in a warm place (15°C - 25°C) prior to application  
Temperature control is less strict than for other Humidur products



**Step 9.** Unscrew the cap

Do not discard the cap as you will need it to store the product if not completely emptied



**Step 10.** Take off the lid

Do not discard the lid as you will need it to store the product if not completely emptied





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**Step 11.** Attach the static mixer



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

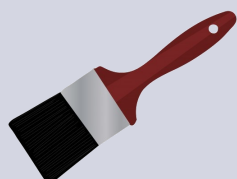


\* These criteria are valid to achieve the most durable protection. If a reduced coating lifetime is desired, application can continue outside this window. The existing warranties do not apply in these conditions. Please contact Acotec NV directly for more information on the expected lifetime in these conditions.

**Step 13.** Use a standard dispensing gun (not delivered by Acotec) to apply the product  
Discard the first couple of milliliters as these will have an incorrect mixing ratio



**Step 14.** Spread out the coating by brush over the surface



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### Step 15. Check the wet layer thickness during application

Consult your Acotec representative for required thickness (max 400 µm on vertical surfaces)

**WFT = DFT**



### Step 16. Allow curing

At 25 °C: 24 hours

Capable of curing under water



### Step 17. If the cartridge is not completely emptied, it can be stored for later use

Simply wipe down the opening of the cartridge and close it again with the lid and the cap