

Application Guide



Humidur® FP QR

Health & Safety



Surface Preparation

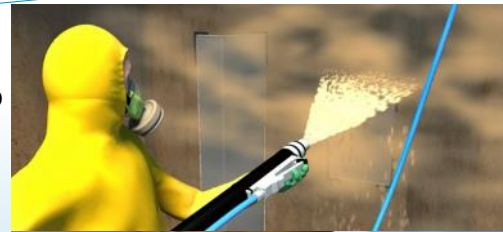
Step 1: Remove fouling, dirt and salts by powerwash



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 prep. with powertools - St 2 or St 3 (ISO 8501)



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



Acotec nv

LET'S FACE CORROSION

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Date: 24/11/2017

Pg. 1/3

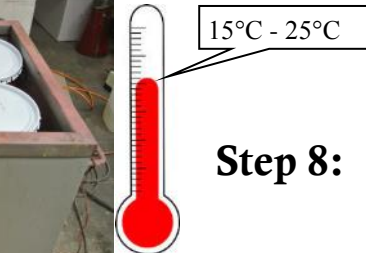
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Coating Application

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

Step 11: Attach the static mixer



Step 12: Temp. 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.

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Pg. 2/3

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Coating Application

Step 13:

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



Step 14: Spread out the coating by brush over the surface

Step 15:

Check the wet layer thickness during application
Consult your Acotec representative for required thickness (max 400 µm in 1 layer on vertical surfaces)



WFT = DFT

Allow curing

Step 16: 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