

02-10-2019 / REVISION 01

HUMIDUR.

Application Guide Humidur® non-skid aggregate



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Surface Preparation

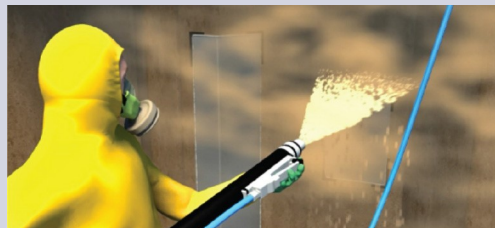
Step 1. Remove fouling, dirt and salts by powerwash



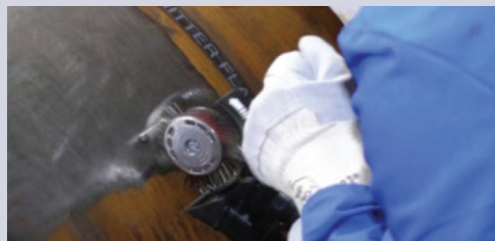
Step 2. Degrease the surface



Step 3 - Option 01: Gritblast the surface by abrasive blasting to Sa2,5 (ISO 8501)
and roughness $\pm 60 \mu\text{m}$



Step 3 - Option 02: 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 and clean with fresh water



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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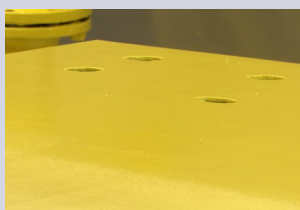
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Coating Application

Step 7 - Option 01. Spray the surface with Humidur FP Single or Humidur ME for anti-corrosive properties
Follow the application instructions

Step 7 - Option 02. Manually apply Humidur FP Single or Humidur ME on the surface for anti-corrosive properties
Follow the application instructions



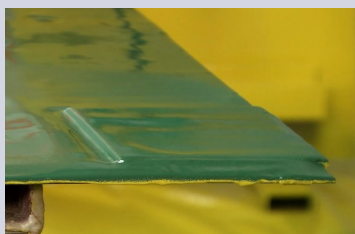
Step 8. Check the wet layer thickness during application
Consult your Acotec representative for required thickness

WFT = DFT



Step 9 - Option 01. Once the surface is touch-dry, spray a second Humidur layer to obtain non-skid properties

Step 9 - Option 02. Manually apply a second Humidur layer on the touch-dry surface to obtain non-skid properties



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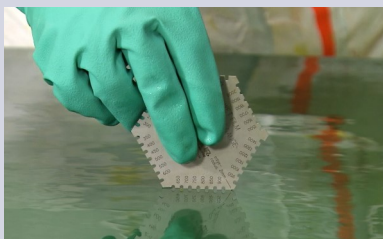
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Step 10. Check the wet layer thickness during application

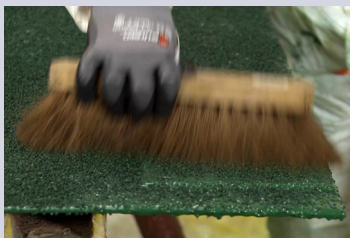
Consult your Acotec representative for required thickness. Layer thickness should ideally be between 400 - 600 µm for perfectly embedding the aggregate and obtain good non-skid properties.



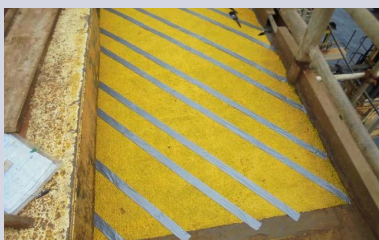
Step 11. Immediately after application of the second layer, spread the granulates in the wet coating until saturation



Step 12. Once the coating is dry, remove loose granulates



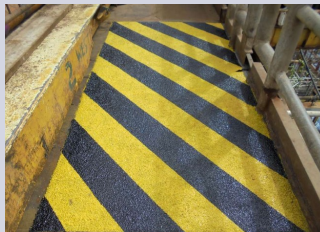
Step 13 - Optional. If markings are required, apply the pattern. Only apply the tape after a full cure of the previous layer



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Step 14 - Optional. Mark the granulate by spraying Humidur TC
Please consult the Humidur TC application instructions



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During application

Manual application by float



Final Results

Marked walkway with non-skid properties



Helideck with appropriate markings

