

# ARBOFLEX<sup>®</sup> MATT

## 225 GSM MESH FOR REINFORCING OF WATERPROOFING MEMBRANE ARBOFLEX PU AT DETAIL WORK OR CRITICAL POINTS AND AREAS.

ARBOFLEX<sup>®</sup> Matt is specially designed to increase adhesion and strength of waterproofing systems based on continuous membranes ARBOFLEX PU even on concrete or mortar substrates with residual moisture.

### PRODUCT APPLICATIONS

- To be used in all field areas.
- To reinforce details such as upstands, internal outlets, fissures, expansion joints, active cracks, and insulation joints.
- Reinforced expansion joints, active cracks, insulation joints.
- Strengthening the bond between different materials and expansion joints.

**NOTE:** Call our Technical department for any clarification on an application.

### APPLICATION METHOD

- Apply the first layer of ARBOFLEX PU (70% to 80% applied)
- Bed the ARBOFLEX MATT into currently wet system and draw the liquid through the matt and apply the remaining (20%) ARBOFLEX PU
- Once system is dry (left overnight) apply ARBOFLEX UV Protect.

### PACKAGING

Rolls of 60m long by 1m wide, 20m long by 1m wide

### HANDLING

Consult the material and safety data sheet of the product. (MSDS), or contact our technical department.

Density of mesh	100 g/m <sup>2</sup> (±10%)
Tensile strength (mesh)	>20 N/150 mm
Tensile strength(warp thread)	>20 N/150 mm
Content binder	6-10%
Water content	<0.4%
Fiber length	50 mm.



PROPERTIES	RESULT
Density finished product at 23°C ISO 1675	1.540 g/cm <sup>3</sup>
Density component A at 23°C ISO 1675	1.675g/cm <sup>3</sup>
Density component B at 23°C ISO 1675	1.016 g/cm <sup>3</sup>
Consumption	400-500 g/m <sup>3</sup> (380-480 mic.)
Pot life at 23°C	60 min.
Tack free time at 23°C	±4 hours
Final dry time at 23°C	9~10 hours
Solids content ISO 1768	100%
VOC(volatile organic compounds)	0
Adhesion to concrete EN 1542:2000	3.90 MPa
Water vapor transmission EN ISO 7783:2012	45.57 ±2,74 Class II
Recoat time at 2 °C(it will be required)	9~24 hours
Environmental and surface temperature	5~35 °C
Max. moisture on surface	±98%

These values in this table are approximate and can vary depending on the substrate and application method.

PROPERTIES	RESULT
Applied consumption	600 g/m <sup>3</sup>
High bond strength by pull-off EN 1542:2000	3.98 MPa - N/mm <sup>3</sup>
Liquid water permeability EN 1062-3:2008	0.020 kg/(m <sup>2</sup> *h 0,5)
Liquid water permeability EN 1062-3:2008	1.9 mm. Class. I<10 mm.

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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