



MASTER CHEMICALS TECHNOLOGY

MC- Master Sheet

Homogenous PVC Waterproofing Membrane

Material Description:

MC - Master Sheet Vapor permeable, SOFT PVC waterproofing. It can be adhered with hot air welder.



Application Areas:

- Building foundation and wall waterproofing
- Ballasted Roofs
- Wet areas
- Waterproofing of underground galleries and basements
- Highway and subway tunnels
- Hangar and planking
- Concrete Roofs
- Dilation of Building Systems

Advantages:

- High Quality meeting EN 13967 Quality Standards
- Vapor Permeable structure
- Plant Root Resistance
- Recyclable environment-friendly material that includes no heavy metal
- Homogenous product against corrosion and dissolution
- High flexibility value.
- Material which has dimensional stability
- Ability to maintain its flexibility in -25C degrees temperature
- High tear resistance and impact strength
- Qualified and easy application options with heat air welder.
- Provides waterproofing in temperatures between -35 C and +85 C degrees

Technical Specifications:

Tested Features	Minimum Required Value	Test Result	Unit	Test Method
Waterproofing	impermeable	impermeable	-	EN 1928 (B)
The end of the aging water resistance	impermeable	impermeable	-	EN 1926 ve EN 1928 (A)
Determination of visible defect	perfect	perfect	-	EN 1850-2
Value of tensile strength	>15	>18	N/mm ²	EN 12311-2
Value of elasticity	>250	>300	%	EN12311-2
Static Load Resistance Value	>20	>22	Kg	EN 12730 (B)
Value of Impact Resistance	>450	>800	mm	EN 12691 (A)
Tear Strength Value	>300	>330	N	EN 12310-1
Reaction to Fire	E Class	E Class	-	EN 13501-1
Value of joint strength	>600	>800	N/50mm	EN 12317-2
Determination of Water Vapor Permeability	25500 ± 7500	25500 ± 7500	μ	EN 1931
Junction Where The Value of Peel Strength	>150	>155	N/50mm	EN 12316-2
Dimensional Stability	<2	<2	%	EN 1107-2
Stability of Elasticity in The Cold	< -25	< -25	°C	EN 495-5

- Other Sizes are available (1.2 ,1.5 1.8 , 2 mm)
- Available in single layer one color
- Available in 2 layers double color
- Available with polyester reinforcement double color
- Available with UV resistance

For more details contact Master Chemicals Technology technical department

Or visit our website www.mc.com.eg

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