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MC-Plan 200 UV Felt

TPO modified synthetic membrane.

PRODUCT DESCRIPTION:

- **MC-Plan 200 UV Felt** is a TPO modified polyolefin synthetic membrane obtained by co-extrusion, dimensionally sabilized by a glass fiber and coupled on the back sheet with a non woven polyester felt.
- The upper sand grey layer has a high resistance to weather agents and UV rays.
- **MC-Plan 200 UV Felt** is manufactured in a plant certified by UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (Environmental management system).

PRODUCT PROPERTIES:

- Weatherproof and UV resistance.
- Dimensional stability.
- Mechanical resistance and resistance to punching.
- Excellent flexibility at low temperatures.

AREAS OF APPLICATION:

- **MC-Plan 200 UV Felt** is used on total adherence on horizontal surfaces for:
  - gluing on insulating panels.
  - gluing on concrete ceilings.
  - gluing on existing waterproofing covering.

TECHNICAL DATA:

Characteristics	Standard	1,50 mm film thickness	1,80 mm film thickness	2,00 mm film thickness
Thickness (mm)	EN 1849-2	1,50	1,80	2,00
Weight (kg/m²)	EN 1849-2	1,70	2,00	2,15
Tensile Strength (N/50 mm)	EN 12311-2	≥ 550	≥ 550	≥ 550
Elongation at break (%)	EN 12311-2	≥ 350	≥ 350	≥ 350
Tear Resistance (N)	EN 12310-2	≥ 250	≥ 300	≥ 340
Resistance to impact (mm)	EN 12691	≥ 800	≥ 900	≥ 1250
Cold Bending (°C)	EN 495-5	≤ -40	≤ -40	≤ -40
Hydrostatic pressure resistance (6 hours at 0,5 MPa)	EN 1928 met. B	Waterproof	Waterproof	Waterproof
Dimensional Stability (%)	EN 1107-2	≤ 0,1	≤ 0,1	≤ 0,1
Resistance to artificial weathering (UV)	EN 1297	No surface cracking	No surface cracking	No surface cracking
Resistance to static punching (kg)	EN 12730	≥ 20	≥ 20	≥ 20
Fire resistance	EN ISO 11925-2 EN 13501-1	E	E	E

PRODUCTION STANDARDS:

Thickness	**1,50 mm**	**1,80 mm**	**2,00 mm**
Width	2,10 m	2,10 m	2,10 m
Rolls per pallet	12	12	12
Length	20 m	20 m	20 m
Colour (surface & underside)	Sand grey / Nonwoven		

CE marking

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Product CE marked according with EN 13956.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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