



Uniflex P 5,0 Mineral

Polyester based SBS Modified Bitumen Torch-On Cap Sheet



Description:

Uniflex P 5,0 Mineral bitumen membranes are high performance polyester reinforced waterproofing materials designed to suit requirements of both new build and roof reconstruction applications. The upper side is coated with slate, protecting material from ultraviolet exposure and lower side is finished with thermofusible film for fast and consistent torch – on application.



Application:

Uniflex P 5,0 Mineral membranes are applied by traditional torch – on methods onto previously installed base layer/underlay, clear of any debris or sharp objects. Primers shall be used to prepare substrate for achieving most effective waterproofing adhesion. The membranes should be heated carefully ensuring the complete melt of dispersible film as work proceeds and maintaining 5 mm bead extrusion from all laps.

Product Features:

- High quality polyester carrier
- Excellent low temperature flexibility at -20°C
- SBS modified bitumen binder formulated to ensure high performance

Harmonised standard:

EN 13707:2004 + A2:2009

Declared performance:

Essential characteristics	Test method	Performance	Essential characteristics	Test method	Performance
Protection of the top side	-	slate	Reaction to fire	EN 13501-1	Euroclass E
Protection of the bottom side	-	film	Watertightness, kPa	EN 1928 method A	Pass
Flexibility at low temperature, °C	EN 1109-1	≤ -20	Dimensional stability, %	EN 1107-1	≤ 0.5
Flow resistance at elevated temperature, °C	EN 1110	≥ +100	Adhesion of granules, %	EN 12039	15±15 %
Reinforcement type	-	polyester	Water vapour transmission properties	EN 1931	μ=20 000
Tensile properties: maximum tensile force L / T, N/50mm	EN 12311-1	500±100 / 400±80	Straightness	EN 1848-1	≤10 mm / 5 m
Tensile properties: elongation L / T, %	EN 12311-1	35±5 / 35±5	Dangerous substances	Does not contain dangerous substances	

Availability:

Product Name	Roll Dimensions, m	Thickness, mm	Weight, kg/m ²
Uniflex P 5,0 Mineral	10 x 1	-	5.0±0.2

General requirements:

- Rolls of the material should be stored indoors in a dry place in their original packaging and taken to the construction site ready to use.
- Keep the rolls upright and do not stack pallets.
- Falls or other mechanical impacts should be avoided during transportation and storage.
- The application surface must be cleaned of dust, debris, grease, leaves, oil and should not have gaps and cracks or other irregularities to ensure proper adhesion of the membrane.
- Surface must be treated with primer before installation of waterproofing material.