



مصنع أنقى
Anqa Factory

ANQA FIBER 120 G 4MM

Premium Bituminous Modified Waterproofing Membrane



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DESCRIPTION:

ANQA FIBER 4MM waterproofing membrane is manufactured from high performance membrane produced with a modified bitumen compound, then coated onto a dimensionally stable glass fiber matt of 120g/m² reinforcement. The surface from both sides has a thermos fusible plastic film.

CHARACTERISTICS:

- Excellent bonding to surfaces.
- Easy to apply.
- Excellent resistance to salts and water-prone chemicals.
- Accommodates structural movements.
- Stability at high temperatures.

USES

ANQA Fiber-4MM membrane is ideal for a wide range of waterproofing applications such as: Roofs, basements, tunnels, car parks, wet areas (kitchens & bathrooms)

APPLICATION:

Concrete surfaces should be thoroughly cleaned of all contaminants, such as dust, residues, and oils, then apply ANQA Primer D-41 on the surface by brush or roller and allow it to dry to promote the adhesion between the membrane and surface.

The membrane rolls should be aligned correctly with an overlap of 10 cm at least from both sides. Using a gas torch, bond the sides of the roll by sufficiently heating the overlap to ensure a strong, waterproof seal.

GENERAL DATA:

Roll length: 10 meters
Roll width: 1 meter
Roll thickness: 4 mm

REINFORCEMENT:

Fiberglass

PACKAGING AND STORAGE:

ANQA FIBER 4MM is produced in rolls of 1 × 10 meters. Custom lengths are available upon request. The rolls are palletized and shrink-wrapped. The rolls are kept vertically, and pallets should not be stacked on top of each other.

HEALTH AND SAFETY:

All necessary safety precautions should be followed during application. Fire extinguishers must be readily available on-site. Workers should wear protective clothing during the application.

DISCLAIMER:

The data provided here is based on our best knowledge and experience; however, as the application environment and conditions are beyond our control, it is the user's responsibility to observe the precautionary measures and practice within local regulations. **ANQA** reserves the right to make changes to the provided data without any prior notice.

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TECHNICAL SPECIFICATION:

PROPERTIES	UNIT	RESULTS	TEST METHOD
Size	m×m×mm	1×10×4	ASTM 5147/D5147m
Reinforcement	g/m ²	120 g/m ²	ASTM 5147/D5147m
Roll Gross weight	Kg	40-45	ASTM 5147/D5147m
Tensile strength, (MD)	Kn/m	20	ASTM 5147/D5147m
Tensile strength (XMD)	Kn/m	14	ASTM 5147/D5147m
Elongation at Break (MD)	%	15	ASTM 5147/D5147m
Elongation at Break (XMD)	%	18	ASTM 5147/D5147m
Tear Strength (MD)	N	790	ASTM 5147/D5147m
Tear Strength (XMD)	N	631	ASTM 5147/D5147m
Water Absorption	%	1.72	ASTM 5147/D5147m
Compound Stability	°C	121	ASTM 5147/D5147m
Compound Stability	%	0.84	ASTM 5147/D5147m
Mass Per Unit Area	g/m ²	4613	ASTM 5147/D5147m
Softening Point	°C	154	ASTM D36
Bitumen Penetration	dmm	11	ASTM D5