



Technical Data Sheet

ASAD - POLYESTER SURFACED MEMBRANES

ASAD 1.6 PS, ASAD 2.0 PS
Self Adhesive, polyester surfaced

DESCRIPTION

These are self adhering cold applied bituminous, vapor and waterproof sheet membranes, produced with non woven polyester surface. The layers of bitumen are uniquely formulated elastomeric bitumen compound which provide high adhesive properties and are suitable for high or low temperature applications.

FEATURES

- Cold applied, no heating required
- Self Adhesive, no gas torch required
- Fire hazard eliminated during application
- Remarkable resistance to aggressive attack of salts and chemicals
- Excellent dimensional stability
- Ease of application

INSTRUCTIONS FOR APPLICATION

These membranes are installed by peeling off the release paper and unrolling the membrane. The membrane, particularly at the overlaps, should be firmly pressed down using a rubber hand roller to ensure proper sealing. Prior to installation, the substrate should be cleaned and primed with AWAZEL PRIMER D41 and allowed to dry. When application temperature drops below 20°C, it is essential to heat the primed surfaces (by using gas torch) before applying the membrane. Membrane stored at temperature below 20°C, should be left exposed to warmer temperature for at least 6-8 hours before application.

COVERAGE

1.12 meter per layer : for flat surfaces

HEALTH & SAFETY

All safety measures should be taken during application.

PRECAUTIONS

No special precautions are needed.

PACKING

Produced in rolls of 1 x 20 meters; special lengths are available upon request. Rolls are palletized and shrink-wrapped.

SURFACING

The membranes are covered with Polyester mat on the top . The bottom side is covered with a peel-off siliconized release paper / film .

STORAGE & MATERIAL HANDLING

The rolls should always be stored vertically in a shaded area. Normally, pallets should not be stacked one over the other. However, if a wooden board is provided in between, two pallets may be stacked one over the other.

ASAD - POLYESTER SURFACED MEMBRANES

ASAD 1.6 PS, ASAD 2.0 PS

Self Adhesive, polyester surfaced

TECHNICAL DATA

Properties	Typical Results		Test Method
	ASAD 1.6 PS	ASAD 2.0 PS	
Roll Size, m	20 x 1	20 x 1	UEAtc, M.O.A.T.30&31
Nominal Thickness, mm	1.6	2.0	UEAtc, M.O.A.T.30&31
Nominal Unit Weight, kg/m ²	1.6	2.0	UEAtc, M.O.A.T.30&31
Coating Asphalt Type Softening Point (R&B), °C Penetration at 25°C, 0.1 mm Elongation, %	SBS - Self Adhesive Compound > 115 60 - 80 > 1000		ASTM D 36 ASTM D 5 MRDD-10(97)
Tensile Strength, N/5 cm Longitudinal Transversal	* 500 400	* 550 450	UEAtc M.O.A.T. 30 & 31
Lap Joint Strength, N/5 cm Longitudinal Transversal	>500 >400	>550 >450	UEAtc M.O.A.T. 30 & 31
Peel Strength, kg/cm to primed concrete to self	5.0 4.0	5.5 4.0	ASTM D 1000
Flexibility at -25°C	No Cracking		UEAtc M.O.A.T. 31
Heat Resistance at 100 °C	No Flowing		UEAtc M.O.A.T. 31
Resistance to Aging after 2000 hours (Accelerated Weathering Tester)	No Deterioration		ASTM D 4799

Note: The above shown technical data are typical results obtained, to the best of our knowledge. From our quality control records extra details can be provided upon request.

Refer TDS Control Nos. SA011604, SA021504 & SA031604 for Supporting Accessories

Sales Offices - Tel. #: 011 - 4782876 (Riyadh), 012 - 6601740 (Jeddah), 013 - 8341853 (Dammam),
Intl. Sales Offices : Tel. #: +971 4 - 3390600 (Dubai), +965 - 25712223 (Kuwait), +974 - 44420571 (Qatar)