



Technical Data Sheet

ASAD - HDPE MEMBRANES

Self Adhesive, bonded to High Density Polyethylene Film

ASAD 1.6 HDPE, ASAD 2.0 HDPE

DESCRIPTION

A self adhering cold applied bituminous, vapor and water proof sheet membranes, bonded to a High Density Polyethylene film on top side and backed with a peel-off siliconized release paper /film. The layers of bitumen are uniquely formulated with elastomeric (SBS) bituminous compound which provide high adhesive proper-ties and is suitable for high or low temperature applications.

FEATURES

- Cold applied, no heating is required
- Self Adhesive, no gas torch required
- Eliminate fire hazard
- Remarkable resistance to aggressive attack of salts and chemicals
- Excellent elongation and puncture resistance properties

FUNCTIONS

Used for tanking in two layers and for damproofing. Also used for pipe wrapping and waterproofing of basements and other substructures.

INSTRUCTIONS FOR APPLICATION

These membranes is installed by peeling off the release paper/film and unrolling the membrane. The membrane, particularly at the overlaps, should be firmly pressed down using a rubber hand roller to ensure proper sealing. The overlap joints should be 5 to 10 cm at the sides and 10 to 15 cm at the end. Prior to installation, the sub-strate 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 a gas torch) before applying the membrane. The membranes 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

It is produced in rolls of 1 x 20 meters; special lengths are available upon request. The rolls are rolled on paper core and supplied in carton boxes with sufficient edge protection board The rolls are palletized and shrink-wrapped.

SURFACING

Surfaced with 125 -150 microns thick HDPE sheet on top and a peel-off siliconized release film / paper at the bottom side.

STORAGE & MATERIAL HANDLING

The rolls should always be stored vertically in a shaded area. Normally the pallets should not be stacked one over the other.

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TECHNICAL DATA

Properties	Typical Results		Test Method
	ASAD 1.6 HDPE	ASAD 2.0 HDPE	
Roll Size, m	20 X 1	20 X 1	UEAtc, M.O.A.T. 31
Nominal Thickness, mm	1.6	2.0	UEAtc, M.O.A.T. 31
Nominal Unit Weight, kg/m ²	1.6	2.0	UEAtc, M.O.A.T. 31
Coating Asphalt Type Softening Point (R&B), °C Penetration at 25°C, 0.1 mm	SBS - Self Adhesive Compound > 115 55 - 75		ASTM D 36 ASTM D 5
Tensile Strength - N/5cm: Longitudinal Transversal	230 250		DIN 52123
Elongation, % Longitudinal Transversal	250 200		DIN 52123
Peel Strength (Adhesion), kg/ cm to printed concrete to self	6.5 (6.48 N/mm) 6.0 (5.98 N/mm)		ASTM D 1000
Flexibility at -25 °C	No Crakling		UEAtc M.O.A.T. 31
Heat Resistance at 100 °C	No flowing		UEAtc M.O.A.T. 31
Water Vapour Transmission	0.3g/m ² /24 hrs		ASTM E 96
Resistance to Aging after 2000 hours (Accelerated Weather - O- Meter)	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, SA021604 & SA031604 for Supporting Accessories