



## Technical Data Sheet

# ASAD ALUMINIUM SURFACED MEMBRANES

### ASAD 1.6 AL, ASAD 2.0 AL

1.6 and 2mm thick, Self Adhesive Bituminous Membrane, Surfaced with Aluminium Foil

#### DESCRIPTION

These are self adhering cold applied bituminous, vapor and waterproof sheet membranes, surfaced with aluminium film on top and a peel-off siliconized release paper/film at bottom side. The layers of bitumen are uniquely formulated elastomer-ic bituminous compound which provide high adhesive properties and is suitable for high or low temperature applications.

#### FEATURES

- Ideal for exposed applications
- Cold applied, no heating required
- Self Adhesive, no gas torch required eliminate fire hazard
- Remarkable resistance to aggressive attack of salts and chemicals
- Excellent elongation property
- Excellent tear & puncture resistance

#### INSTRUCTIONS FOR APPLICATION

These membranes are 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 rubberhand 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 agas 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

It is produced in rolls of 1x20 meters; special lengths are available upon request. The rolls are palletized and shrink-wrapped. The rolls can also be supplied in carton boxes, with PVC/Paper inner

#### SURFACING

Surfaced with aluminium foil at the top and a peel-off siliconized release film/paper at the bottomside.

#### STORAGE & MATERIAL HANDLING

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

MR101604

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### TECHNICAL DATA

Properties	Typical Results		Test Method
	ASAD 1.6 AL	ASAD 2.0 AL	
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 <sup>2</sup>	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	250 350		UEAtc M.O.A.T. 30 & 31
Lap Joint Strength, N/5 cm Longitudinal Transversal	>250 >350		UEAtc M.O.A.T. 30 & 31
Peel Strength, kg/cm to primed concrete to self	5.0 5.5		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, SA021604 & SA031604 for Supporting Accessories**