



## Technical Data Sheet

# ASAD - PVC MEMBRANES

Self Adhesive, PVC surfaced Membranes  
 ASAD 1.6 PVC-300, 2.0 PVC-300,  
 1.6 PVC-500, 2.0 PVC-500, 1.6 PVC-750, 2.0 PVC-750

### DESCRIPTION

Self adhering cold applied bituminous, vapor and water proof sheet membranes, surfaced with PVC sheet at 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 properties and is suitable for high or low temperature applications.

### FEATURES

- Very good puncture resistance
- Very good tensile strength properties
- Cold applied, no heating is required
- Self Adhesive, no gas torch is required
- Eliminate fire hazard
- Remarkable resistance to aggressive attack of salts and chemicals
- Excellent tear & puncture resistance

### FUNCTIONS

Used for tanking in two layers and for damp-proofing. Also used for pipe wrapping and water-proofing of basements and other sub-structures.

### 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

Produced in rolls of 1x20 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 PVC 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, pallets should not be stacked one over the other.

## ASAD - PVC MEMBRANES

Self Adhesive, PVC surfaced Membranes

ASAD 1.6 PVC-300, 2.0 PVC-300, 1.6 PVC-500, 2.0 PVC-500, 1.6 PVC-750, 2.0 PVC-750

Properties	Typical Results					Test Method	
	ASAD 1.6 PVC-300	ASAD 2.0 PVC-300	ASAD 1.6 PVC-500	ASAD 2.0 PVC-500	ASAD 1.6 PVC-750		ASAD 2.0 PVC-750
Roll Size, m	20 X 1	20 X 1	20 X 1	20 X 1	20 X 1	20 X 1	UEAtc M.O.A.T. 31
Nominal Thickness, mm	1.6	2.0	1.6	2.0	1.6	2.0	UEAtc M.O.A.T. 31
Nominal Unit Weight, kg / km <sup>2</sup>	1.8	2.2	1.8	2.2	1.9	2.3	UEAtc M.O.A.T. 31
Coating Asphalt Type	SBS - Self Adh. Compound		SBS - Self Adh. Compound		SBS - Self Adh. Compound		
Softening Point (R&B), °C	>115		>115		>115		ASTM D 36
Penetration at 25°C, 0.1 mm	60 - 80		60 - 80		60 - 80		ASTM D 5
Tensile Strength, N/5cm :	300		350		400		UEAtc M.O.A.T. 31
Longitudinal & Transversal	200		250		300		
Elongation, % : Longitudinal & Transversal	>150		>200		>250		UEAtc M.O.A.T. 31
Peel Strength (Adhesion), kg/ cm to primed concrete to self	6.5 (6.48 N/mm) 6.0 (5.98 N/mm)		6.5 (6.48 N/mm) 6.0 (5.98 N/mm)		6.5 (6.48 N/mm) 6.0 (5.98 N/mm)		ASTM 1000
Flexibility at - 25 °C	No Cracking		No Cracking		No Cracking		UEAtc M.O.A.T. 31
Heat Resistance at 100 °C	No Flowing		No Flowing		No Flowing		UEAtc M.O.A.T. 31
Moisture Vapour Transmission	0.3 g/m <sup>2</sup> /24 hrs.		0.3 g/m <sup>2</sup> /24 hrs.		0.3 g/m <sup>2</sup> /24 hrs.		ASTM E 96
Resistance to Aging after 2000 hrs (Acceld, Weather -0- Meter)	No Deterioration		No Deterioration		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 & SA031604 for Supporting Accessories**