

## POLYMOD AP

### MODIFIED BITUMIOUS WATERPROOFING

### DESCRIPTION

Polymod – AP is a waterproofing material; with a polyester base. Both sides of the base are impregnated with a high-quality polymer-bitumen binder.

### OUTSTANDING FEATURES

- Excellent cold weather resistance
- Good elongation and recovery
- Rot proof
- High breaking strength and tear resistance
- Very good puncture resistance
- Highly resistant to substrate movement

### APPLICATION AREAS

- Polymod – AP is designed for installation as the bottom layer of roof cladding on buildings and constructions. Used for new roofing construction and for repair of old roof. Can be used as an under layer for bitumen shingles with mechanical fastening.

### GENERAL DATA

- Nominal roll dimension : 15 m x 1 m
- Nominal thickness : 2 mm
- Reinforcement : Isotropic, Superior quality, Polyester mat.
- Finish : Black finish

### TECHNICAL DATA

#### Polymod AP- 2 mm

Sr. No	PROPERTY	TYPICAL VALUE	TEST METHOD
1	Reinforcement	Polyester	
2	Tensile strength, L/T N/50mm	750/600 ± 150/120	EN 12311-1
3	Elongation L/T %	40/45 ± 8/9	EN 12311-1
4	Cold Flexibility °C	≤ -2/30	EN 1109-1
5	Tear Strength, L/T, N	150/200 ± 45/60	EN 12310-1
6	Resistant to Aging / UV	Passes	
7	Mass per unit area kg/m <sup>2</sup>	2.8 ± 0.28	EN 1849-1
8	Flow resistance at elevated Temperature °C/2 h	≥ 120	EN 1110
9	Water tightness, kPa	200	EN 1928
10	Determination of water vapor Transmission properties	μ=20000	EN 13501-1:2004

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### **STANDARDS**

Polymod – AP complies with the requirements and tolerance levels of EN Standards.

### **INSTALLATION**

TOOLS REQUIRED: Gas torch, Knife, Trowel, Measuring tape, marking string, Gloves.

### **APPLICATION METHOD**

Polymod – AP is installed by torch welding method, laid loose or fully bonded to substrate. When laid loose, only laps are bonded together. This can also be installed using hot blown bitumen in the conventional manner.

**NOTE:** The information in this Technical Sheet is given to the best of our knowledge based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the product itself.

### **QUALITY CONTROL**

In addition to stringent regular tests by in-house laboratory, periodic visits and quality control tests are performed by various laboratories outside.

### **STORAGE**

Polymod-AP membranes should be stored vertically in well covered and ventilated place not subject to direct sunlight.

### **IMPORTANT NOTICE**

All statements, technical information and recommendations contained herein are based on reliable tests. However, the accuracy or completeness of these is not guaranteed.

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