

Description

DynaMop PR 2.2 P/S is a polyester-reinforced, SBS modified bitumen sheet. It incorporates the features of a tough, 180 g/m² (5.31 oz/yd²), nonwoven polyester mat that is saturated and coated with a blend of SBS (Styrene-Butadiene-Styrene) rubber and high-quality asphalt. The elastomeric asphalt blend has full recovery properties after 100% elongation and lends a high degree of elasticity and flexibility to the sheet. The polyester mat provides excellent tensile strength, toughness and puncture resistance, and it can accommodate stresses created by typical rooftop expansion and contraction forces. The upper surface of the sheet has a polyolefin burn-off film for ease of heat welding, and the bottom surface is sanded for either hot asphalt or cold adhesive application.

Use

DynaMop PR 2.2 P/S is designed for use as a modified bitumen sheet in multiple-ply roofing membrane or flashing systems. It may be used in modified bitumen systems under DynaWeld™ Cap 250 and DynaWeld™ Cap 180 modified bitumen cap sheets. It is ideal for low-slope applications (inclines up to 250 mm/m [3 in./ft]), and is recommended for this application with asphalt. DynaMop PR 2.2 P/S may also be installed in MBR® Bonding Cement or MBR® Cold Application Adhesive or kettle-modified asphalt. The burn-off film must be burned off at the overlap prior to sealing the joint. This product shall not be installed using heat-weld application techniques, but is specifically designed to have a heat-welded, modified cap sheet bonded to its top surface.



Advantages

- The polyester mat provides good puncture and tear resistance.
- The elongation and recovery properties of the SBS blend allow the product to easily accommodate the continual expansion and contraction strains experienced on all roofs.
- The product's flexibility and dimensional stability provide for ease of handling, resulting in quick installations.

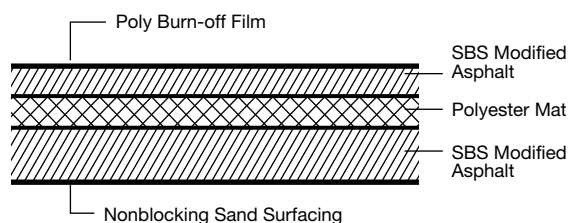
Typical Physical Properties*

Strain Energy (kJ/m)	md 9.0/6.5 xd
Cold Bending °C	
Initial	-30
90 days at 70°C	-30
Softening Point (°C)	≥110
Compound Stability (°C)	115 - 120
Dimensional Stability %	md -0.4/0.3xd
Static Puncture (N)	400
Tear Resistance (N)	60
Lap Adhesion (kJ/m)	
Initial	23.5
5 days at 50°C	24
14 days at 70°C	24
Breaking Strength (N/5 cm)	md 1060/785 xd
Ultimate Elongation %	md 58/64 xd

* Material tested in accordance with CAN/CGSB 37-GP-56M.

Sizes

Roll size	15 m ² (161.5 ft ²)
Roll coverage	13.75 m ² (148 ft ²)
Roll weight	39.92 kg (88 lb)
Roll length	15 m (49.2')
Roll width	1.01 m (3.3')
Thickness	2.21 mm (0.087")



Refer to the Material Safety Data Sheet and product label prior to using this product.