

DynaWeld™ Cap 250
SBS Modified Bitumen Sheet
(For Canada Only)

Description

DynaWeld Cap 250 is a polyester reinforced SBS modified bitumen sheet. It incorporates the features of a tough, 250 g/m² nonwoven polyester mat that is saturated and coated with a blend of SBS (Styrene-Butadiene-Sytrene) 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, puncture resistance and can accommodate stresses created by typical roof top expansion and contraction forces. The covering layer of ceramic-coated roofing granules provides durability along with superior resistance to damage from foot traffic. The back of the sheet has a poly burn-off film for ease of heat welding.

Use

DynaWeld Cap 250 is designed for use as a quality modified bitumen sheet in multiple ply roofing systems. It is ideal for low slope applications (inclines up to 250 mm/m [3" per foot]), and is to be heat welded. DynaWeld Cap 250 has excellent weatherability, durability, and handling characteristics and can be used both as a modified bitumen cap sheet or as a flashing material. This product is designed to be heat-welded and shall not be installed using hot asphalt or cold adhesive application techniques.



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.
- The product's design provides for ease of heat weld application.

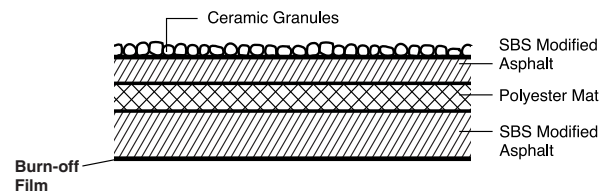
Typical Physical Properties*

Strain Energy (kJ/m)	md 13.8/10.8 xd
Cold Bending °C	
Initial	-30
90 days at 70°C	-30
Softening Point (°C)	≥110
Compound Stability (°C)	110-115
Dimensional Stability %	md -0.2/0.2 xd
Static Puncture (N)	370
Tear Resistance (N)	80
Lap Adhesion (kJ/m)	
Initial	27.0
5 days at 50°C	27.0
14 days at 70°C	27.0
Breaking Strength (N/5 cm)	md 1450/1090 xd
Ultimate Elongation %	md 60/69 xd

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

Sizes

Roll size	8 m ² (86 sq. ft.)
Roll Coverage	7.2 m ² (78 sq. ft.)
Roll weight	38 kg (84 lbs.)
Roll length	8 m (26.3')
Roll width	1.0 m (3.3')
Thickness	4 mm (0.157")
Colour	Grey



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