

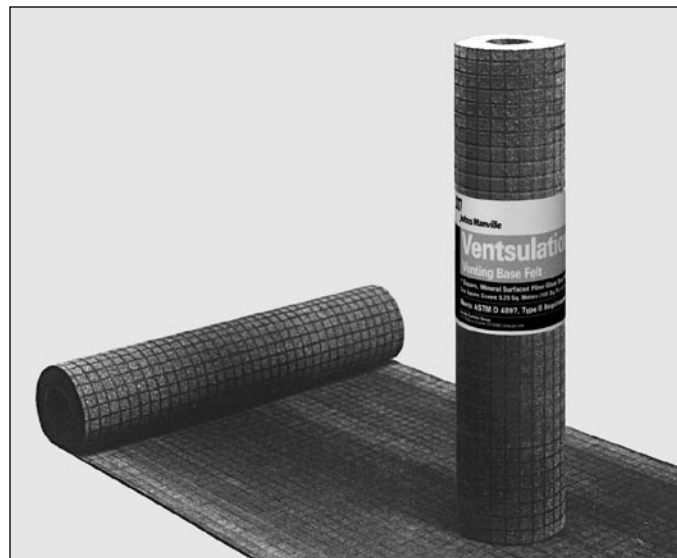
Description

Ventsulation Felt is a specially constructed, heavy-duty, asphalt-coated fiber glass venting base sheet for use in hot applied built-up and modified bitumen roofing systems. It is composed of a Johns Manville fiber glass mat with a quality asphalt coating and a coarse mineral surfacing on one side. The mineral surfacing has a 1" (25 mm) grid waffle pattern embossed into it, which promotes underside venting.

Use

Ventsulation Felt may be used as a base sheet for any built-up or modified bitumen roof system to be installed over a substrate that potentially contains moisture. Examples of these types of substrates are existing roof membranes that are to be re-covered, as opposed to being removed, and lightweight insulating fill or gypsum decks. The embossed channels provide a means for venting vapor pressure that can build up under membranes that have been placed over substrates with high moisture levels. If the moisture (vapor pressure) cannot escape, serious damage can result.

When installing Ventsulation Felt, the embossed waffle pattern is always placed facing down and is to be in contact with the old membrane or wet fill decking material.



Advantages

- Helps prevent blistering of asphalt-based roofs installed over potential moisture-containing substrates.
- Provides a means of venting moisture vapor that can build up within a roof system.
- Low moisture absorption, excellent dimensional stability and resistance to rot make it an ideal replacement for organic base sheets.

Typical Physical Properties

Material meets the requirements of ASTM D 4897, Type II.

Breaking Strength (min.)	
at 77 ± 2°F (25 ± 1°C)	44 lb force/in. width (7.7 kN/m)
Mass of Any Roofing in Shipment	
(min.)	55 lb/100 ft ² (2,685 g/m ²)
Mass of Desaturated Glass Mat	
(min.)	1.7 lb/100 ft ² (83 g/m ²)
Mass of Asphalt (min.)	12 lb/100 ft ² (586 g/m ²)
Mass of Total Unstabilized Coating, Filler	
and Top Surfacing (min.)	22 lb/100 ft ² (1,074 g/m ²)
Mass of Mineral Granules Retained on a	
212 µm (No. 70) Sieve (min.)	8 lb/100 ft ² (391 g/m ²)
Mass of Mineral Matter Passing a 212 µm	
(No. 70) Sieve on Basis of Total Mass of	
Mineral Stabilized Coating and Top	
Surface Mineral Matter (max.)	60%
Ash (Glass Mat Only)	70% - 88%
Moisture at Time of Manufacture (max.)	1%

Sizes

Roll size	100 ft ² (9.29 m ²)
Roll weight	79 lb (35.8 kg)
Roll length	36' (10.97 m)
Roll width	36" (914 mm)

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