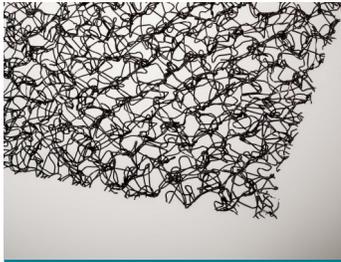


Enkamat® ASV 7010

Bonar Building Products — Roof Underlayment



Description

Enkamat 7010 is a three-dimensional multi-use mat, made of continuous nylon filaments fused at their intersections. It can be used in metal and ballasted roofing applications where spacing of the roof will provide the ventilation and drainage needed for a long service life. The nylon filaments do not fail under the load of the roof and the rigors of the construction

environment, including construction foot traffic. The space between the roof membrane/weather barrier underlayment and the ballast/ metal roof will allow moisture to flow away or evaporate. It is required under zinc roofs to prevent white rust caused by condensation on the underside of the roof. The use of Enkamat 7010 as a thermal break creates a temperature

difference of up to 22° F between the roof surface & the sheathing or substrate. The entangled filament structure also reduces impact noise from rain or sleet by 9.5 to 13.5 dB compared with a metal roof directly on the weather barrier. When combined with thermal insulation and a ceiling system noise levels are reduced up to 21 dB.

Recommended Applications

- Spacer between zinc and other metal roofs and the weather barrier underlayment/plywood substrate in sloped applications
- Thermal break between metal roofs & sheathing
- Spacer between ballast and loose laid, fully adhered or mechanically attached roofs

Features and Benefits

- Reduces energy use by creating a thermal break/barrier between metal roof & sheathing
- Reduces roof noise from rain or sleet by up to 21 dB
- Easy to install — simply roll out over weather barrier or roof membrane
- Provides continuous air or water flow
- Durable & flexible structure is easy to cut and can be placed horizontally or vertically
- Dimensionally stable in hot weather — not brittle in cold

Technical Data

Physical Properties

Property	English Units	Metric Units	Test Method
Material	Nylon 6		
Thickness	0.40 in	11.43 mm	ASTM D5199
Weight	7.7 oz/yd ²	966.4 g/m ²	ASTM D5261
Recycled Content Min. - Total	40% Pre Consumer (by weight)	40% Pre Consumer (by weight)	
UV Stability	80% Strength Retained	80% Strength Retained	ASTM G53 & ASTM D5035 ²
Low Temperature	-100° F	-73° C	
High Temperature	250° F	121° C	
Fuel/Gasoline Submersion	Stable		
Tensile Strength	MD 160 lbs/ft CD 80 lbs/ft	MD 2.3 kN/m CD 1.2 kN/m	ASTM D5035 ²
pH Range	3 to 12		
Fire Rating	NFPA Class A ¹ UBC Class I ¹		ASTM E84
Flame Spread	25		ASTM E84
Smoke Density	30		ASTM E84

¹ Will not promote flame spread

² Modified

Technical Data

Polymer Properties

Nylon has excellent resistance to a variety of chemicals, alkalines, dilute acids, fuels and solvents found on construction sites. It is lightweight, but also is very wear and abrasion resistant. Nylon also has high tensile strength and a high heat distortion temperature.

Packaging

Property	English Units	Metric Units
Product ID	7010-200-3900	
Core Width	39.0 in	99.1 cm
Length	200.0 ft	61.0 m
Area	72.2 yd ²	60.4 m ²
Area	650.0 ft ²	60.4 m ²
Roll Diameter	28.0 in	71.1 cm
Gross Roll Weight	37.0 lbs	16.8 kg

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