

Description

Enkamat 7008/7010 is a three-dimensional multi-use mat, made of continuous nylon filaments fused at their intersections. It can be used in ballasted and metal 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 any moisture to flow away or evaporate. Best used with zinc roofs.

Recommended Applications

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

Features and Benefits

- Excellent durability
- Easy to install — simply roll out over weather barrier or roof membrane
- Provides continuous air or water flow even under high loads
- 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
UV Stability	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

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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	7010-101-2000	
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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