

HYBRID ACOUSTIC INSULATION

TECHNICAL DATA SHEET REFLECTIVE THERMAL INSULATION PRODEX

HYBRID INSULATION MINERAL-FIBER BLANKET THERMAL INSULATION PLUS REFLECTIVE INSULATION FOR LIGHT FRAME CONSTRUCTION.

Thermal and acoustic insulation in the form of flexible rolls of fiber glass, laminates with a low emissivity surface that acts as a radiant barrier, vapor barrier, humidity control and tensile strength.

The hybrid insulation is designed to be used in attics and lightweight constructions. The vapor barrier helps control the amount of moisture that passes through the insulation from the inner face to the exterior.

It can be applied lightweight constructions such as internal walls and floors, to reduce heat flow increasing energy savings on HVAC demand.



WEATHER BARRIER WRAP (BREATHABLE METALIZED FILM)

DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT

THICKNESS: 2.6 (in)

LENGTH: 8.0 (ft)

WIDTHS: 16 (in) or 24 (in)

TECHNICAL CHARACTERISTICS OF THE PRODUCT

PROPERTIES	VALUE	STANDARD
THERMAL PERFORMANCE	R 12 ft ² hr°F/Btu horizontal heat flow (air to air)	ASTM STP1116
WATER VAPOR PERMEANCE	<3% weight at 120 ° F (49 ° C), 95% R.H	ASTM C1104 / C1104M
THICKNESS AND DENSITY	Meets the requirements	ASTM C167
SURFACE BURNING CHARACTERISTICS	Flame Spread Index <25 Smoke development Ind A	ASTM E84 / UL723
WATER VAPOR PERMEANCE	0.02 Perms max. (1.15 ng/Ns)	ASTM E96 / E96M Method A
ODOR EMISSION	Meets the requirements	ASTM C1304
FUNGUS RESISTANCE	Resistant / Does not promote fungal growth - mold	ASTM C1338
EMITTANCE	0.04	ASTM C1371-04
NOISE REDUCTION COEFFICIENT	0.85	ASTM C423
SOUND TRANSMISSION CLASS	47	ASTM E90

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