



# REFLEXOR

Thermal Acoustic Membrane

## RefleXor features

- Vapour barrier
- Odour barrier
- Reflective insulating material
- Thermal barrier
- Barrier against CO emissions
- Acoustic barrier
- Air barrier
- Anti-microbial
- Sound absorption
- Made in Canada

### LEED information:

Materials and resources -

MR 3, MR 4, MR 5, MR 6;

Indoor Environmental Quality -

QEI 1, QEI 2;

Energy & Atmosphere -

EA 1, EA 3;

Innovation & Design Process -

IPD 1.

For additional information :  
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Developed in  
**Canada** 

## Scope: WALL & CEILING SYSTEMS

Properties	Requirements	Nominal Value
Emissivity	ASTM C-1371	0.02 (98 %)
Water vapour permeability	ASTM E-398	0.78 g / m <sup>2</sup> / 24 h 0.05 g / 100 in <sup>2</sup> / 24 h
Drive in 100 % strain or less	ASTM D-5034-95	4750.48 kPa 686 PSI
OTR - Oxygen transmission	ASTM D-3985	1.09 cc / m <sup>2</sup> / 24 h 0.07 cc / 100 in <sup>2</sup> / 24 h
Acoustic value	ASTM E-336-97 ASTM E-413-04	According to the installation parameters and assembly system
Thermal resistance	ASTM C-518	R = 0.25 RSI = 0.04

Physical Properties	Metric	Imperial
Density:	217.85 kg / m <sup>3</sup>	13.60 lb / ft <sup>3</sup>
Roll size:	1.22 m x 15.24 m	4 ft x 50 ft
Area covered / roll:	18.58 m <sup>2</sup>	200 ft <sup>2</sup>
Thickness:	1.70 mm	0.039 in
Weight / roll:	9.8 kg	21.6 lb
Number of rolls / skid:	39 rolls	

### Ecological Properties

0 % - COV (g / l) - Volatile organic compounds

100% recycled polyester fibre

### Certifications

CAN / ULC S101 et UL 263  
 U309, U314, U423, U425, U465, W301, W415, W453



Acoustic results tested and validated by NRCC