

Reflexor Membrane

0 % VOC (g / l)

100 % recycled polyester fibre

Made in Canada

LEED Information.

Materials and Resources;

MR 3, MR 4, MR 5, MR 6.

Indoor Environmental Quality;
IEQ 1, IEQ 2.

Energy & Atmosphere;

EA 1, EA 3.

Innovation & Design Process;

IDP 1.

For additional information ;
Customer support : 1 800 561.4279
Website : www.mslfibre.com

infoplus@materiauxspeci.com

Developed and
manufactured in
Canada



REFLEXOR

Reflexor thermo-acoustic membrane

Properties	Requirements	Nominal value
Emissivity	ASTM C-1371	0.02 (98 %)
Water vapour permeability	ASTM E-398	0.05 g / 100 in ² / 24h 0.78 g / 24h • m ²
Drive in 100 % strain or less	Grab test	4750.48 kPa 686 PSI
OTR - Oxygen transmission	ASTM D-3985	0.07 cc / 100 ft ² / 24hr 1.09 cc / m ² / 24h
Acoustic value	ASTM E 336-97 ASTM E 413-04	According to the installation parameters

Physical properties

Roll size:	1.27 m x 14.63 m	(4 ft. x 50 ft.)
Sq Feet per roll:	18.58 m ²	(200 ft ²)
Membrane thickness:	1.70 mm	(0.0666 in.)
weight per roll:	9.8 kg	(21.6 lbs)
Number of rolls / skid:	39 rolls	

Ecological properties

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

100% recycled polyester fibre

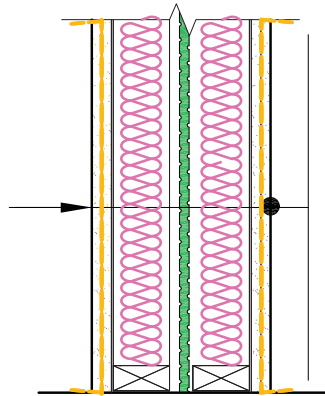


RefleXor Features

- Vapour barrier
- Odour barrier
- Reflective insulating material
- Thermal barrier
- Acoustic barrier
- Air barrier
- Mold resistant
- Sound absorption
- Reduces the resonance transfer between two drywall boards

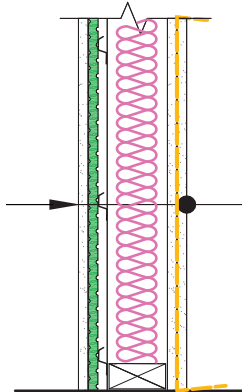
REFLEXOR

Partition wall FSTC ≥ 66



- 5/8" type X drywall 16 mm (5/8")
- RefleXor thermo-acoustic membrane
- 5/8" type X drywall 16 mm (5/8")
- 51 mm x 102 mm (2" x 4") wood studs or 92 mm (3 5/8") metal studs screwed at 407 mm (16") o.c. with insulation wool batts
- 12.7 mm (1/2") min. air space (variable)
- SONOPanII
- 51 mm x 102 mm (2" x 4") wood studs or 92 mm (3 5/8") metal studs screwed at 407 mm (16") o.c. with insulation wool batts
- 5/8" type X drywall 16 mm (5/8")
- RefleXor thermo-acoustic membrane
- 5/8" type X drywall 16 mm (5/8")

Condo to corridor wall FSTC ≥ 58



- 5/8" type X drywall 16 mm (5/8")
- SONOPanII
- Resilient channels
- 51 mm x 102 mm (2" x 4") wood studs or 92 mm (3 5/8") metal studs screwed at 407 mm (16") o.c. with insulation wool batts
- 5/8" type X drywall 16 mm (5/8")
- RefleXor thermo-acoustic membrane
- 5/8" type X drywall 16 mm (5/8")

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