Specifications		SECUR pan	ISOL top	iso Ltop
Properties	Requirements	1 / 2"	1/2"	1 / 2" HD
Density	(ASTM C-209)	14.5 lbs / ft³ 232 kg / m³	14.5 lbs / ft³ 232 kg / m³	16 lbs / ft³ 256 kg / m³
Transverse load at rupture	(ASTM C-209)	40N 9 lbf	49N 11 lbf	58N 13 lbf
Tensile strength perpendicular to surface	(ASTM C-209)	36.5 kPa 5.22 psi	24 kPa 3.5 psi	24 kPa 3.5 psi
Tensile strength parallel to surface	(ASTM C-209)	1290 kPa 187 psi	350 kPa 51 psi	350 kPa 51 psi
Water absorption	(ASTM C-209)	6 %	7%	7%
Linear expansion	(ASTM D-1037)	0.1 %	0.5%	0.5%
Compressive strength (10% deformation)	(ASTM C-165)	352 kPa 51 psi	310 kPa 45 psi	379 kPa 55 psi
"R" Value / inch (1") Min 0.455 [(m² • K)/w]	(ASTM C-518)	R 3.1 RSI 0.55	R 3.1 RSI 0.55	R 3.0 RSI 0.53

	Thickness	Dimensions	Edges	Product numbers
SECUR pan	1/2" (12.7 mm)	48" x 48" (1.22 m X 1.22 m) 48" x 96" (1.22 m X 2.44 m)	Square edges Square edges	455 CA 475 CA
	1" (25.4 mm)	48" x 48" (1.22 m X 1.22 m)	Square edges	457 CA
	Thickness	Dimensions	Edges	Product numbers
	1/2" (12.7 mm)	24" x 48" (0.61 m X 1.22 m) 48" x 48" (1.22 m X 1.22 m) 48" x 96" (1.22 m X 2.44 m)	Square edges Square edges Square edges	925, 925 HD 955, 955 HD 975, 975 HD
SOLtop.	1" (25.4 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges Shiplap edges Ventilated edges	927 BC, 927 BC HD 927 EC, 927 EC HD 927 VC, 927 VC HD
	1.5" (38.1 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges	928 BC, 928 BC HD
	2" (50.8 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges	929 BC, 929 BC HD
	Thickness	Dimensions	Edges	Product numbers
SOLtop	1/2" (12.7 mm)	48" x 48" (1.22 m X 1.22 m) 48" x 96" (1.22 m X 2.44 m)	Square edges Square edges	955 C1, 955 C1HD 975 C1, 975 C1HD
	Thickness	Dimensions	Edges	Product numbers
SOLtop.	1" (25.4 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges Shiplap edges	927 BC-C2, 927 BC-C2HD 927 EC-C2, 927 EC-C2HD
	Thickness	Dimensions	Edges	Product numbers
	1/2" (12.7 mm)	48" x 96" (1.22 m X 2.44 m)	Square edges	875, 875 HD
	Thickness	Dimensions	Edges	Product numbers
	1/2" (12.7 mm)	24" x 48" (0.61 m X 1.22 m) 48" x 48" (1.22 m X 1.22 m) 48" x 96" (1.22 m X 2.44 m)	Square edges Square edges Square edges	325, 325 HD 355, 355 HD 375, 375 HD
SOLtop.	1" (25.4 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges Shiplap edges Ventilated edges	327 BC, 327 BC HD 327 EC, 327 EC HD 327 VC, 327 VC HD
	1.5" (38.1 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges	328 BC, 328 BC HD
	2" (50.8 mm)	24" x 48" (0.61 m X 1.22 m)	Square edges	329 BC, 329 BC HD



Roofing products

MSL manufactures high quality roofing support panels.



SECURpan is a unique fiberboard roofing insulation panel whose core has been thoroughly treated to provide fire-resistance. SECURpan is a certified UL 790 Class A and FM approved Class 1 material.

SECURpan provides soundproofing, stability, compression strength and ease of handling and installation. The dimensional stability and physical properties of **SECURpan** contribute to the quality of the complete roofing system.

SECURpan is intended for any new construction or renovation project. It can be mechanically fastened, adhered with hot asphalt or with an appropriate adhesive.



ISOLtop is an effective roof insulation, providing stable physical and thermal properties and offering outstanding value. **ISOLtop** is a fiberboard product which comes in regular or high-density grade. These panels are also available in the following forms: natural, impregnated or coated (1, 2 or 6 sides) and in various sizes and thicknesses.

ISOLtop may be used as a support panel over insulation materials and is specifically manufactured for roofs with a compressive strength equal or higher than 40 psi.

MSL products are made with recycled and recyclable materials

MSLfibre.com

MSLfibre.com

SECURpan

Fire retardant insulation support panel

Characteristics / advantages

- Improved surface to enable superior adhesion strength
- · Superior wind uplift resistance
- Fire-retardant
- · Improved strength and durability
- Soundproofing
- Stable thermal value R = 3.1 / inch
- Eco-friendly
- · Contributes to LEED points

The $\frac{1}{2}$ " SECURpan fire-retardant fiberboard panel meets all requirements of the ANSI/UL 790 and the CAN/ULC-S107 standards.

SECURpan is classified by Underwriters Laboratories for product categories:

Roofing Systems (TGFU);
Roofing Systems certified for Canada (TGFU7).

SECURpan complies with single ply membrane systems (modified bitumen) for class A, B, C, Systems.

Deck: Classification A, B, C.

Limited to non-combustible decks.

Maximum incline limited to ½" / 12"

Insulation (Optional): Any UL Classified, any thickness.

Insulation (SECURPAN): Fire retardant wood fiber panel, ½"

minimum.

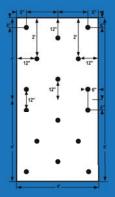
Membrane: Any UL classified membrane currently recognized for use with any UL

Classified insulation

FM Class 1-90 Fastening Pattern



SECURpan is FM Class 1, Standard 4470 (1986) Certified approval standards









MINERAL AND FIBER BOARD FOR ROOFING SYSTEMS AS TO EXTERNAL FIRE EXPOSURE

SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA

AND UL ROOFING MATERIALS AND SYSTEMS DIRECTORY

4BE

ISCILtop

Eco-friendly insulation support panel

Characteristics / advantages

- · Stable, rigid and eco-friendly insulation
- Soundproofing
- Stable thermal value R = 3.1 / inch.
- Made from 100 % recycled wood
- · Contributes to LEED points



Our Wood Fibre Roof Insulation Panels are composed of interlocking cellulose fibres bonded together by heat, pressure and premium emulsion.

This product conforms to all requirements of CAN/ULC-S706-09 and ASTM C208.

The density of this material has been specified to provide an optimum combination of board strength and insulating value.

Our roofing products are produced and designed with consideration for environmental responsibility and sustainability, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

ISOLtop panels are designed to serve as an overlay for other insulation materials and provide excellent support when applying asphalt and waterproof membranes in flat roofing systems for commercial, institutional, multi-residential and industrial projects.

ISOLtop panels protect insulation materials in the roofing assembly, allowing for circulation on the roof and providing soundproofing to the building. They are designed for multi-ply, 2-ply and single-ply applications.

ISOLtop panels are manufactured in thicknesses varying between 1/2" and 2", and in the following dimensions: $2' \times 4'$, $4' \times 4'$ and $4' \times 8'$.

The panels can either remain uncoated (natural surface) or be treated on any or all sides with an asphalt coating, allowing for better adhesion when applying waterproof membranes in the roofing assembly.

ISOLtop panels are FM approved (product and assemblies).

ISOLtop panels can be installed with one of the following systems required:

- Adhered (glue/adhesive)
- Mopped down (asphalt)
- Mechanically fastened

Nailing / adhesive pattern must be followed as per specifications



