TECHNICAL BULLETIN #1

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FINEXPERT FIBER CEMENT FLAT BOARD

STANDARDS, TESTS AND APPROVALS

FINEXPERT fiber cement flat boards comply with the intent or conform to the requirements of the following standards:

-**ISO 9002** : 1994 (Underwriters' Laboratories Inc,)
EN ISO 9002: 1994; BS EN ISO 9002: 1994; ANSI/ASQC Q9002 : 1994
for the following scope of registration :
3272 (US) : Concrete Products, except block and brick
File number : A8979

-UNDERWRITERS' LABORATORIES OF CANADA (ULC)

.**CAN/ULC – S102-M** – Surface Burning Characteristics

Flame spread - 0
Smoke developed - 0

.**CAN/ULC – S632 – M91** – Standard for Heat Shields

Testing for use of FINEXPERT boards as a heat shield was successfully completed and acceptable clearance reduction of 67% was obtained .Please refer to Technical Bulletin #3 for details of installation.

.**CAN/ULC-S126-M** Standard Method of Test for Fire Spread Under Roof Deck Assemblies:

-As specified by National Building Code of Canada Section 3.1.14.2 Metal Roof Deck Assemblies
-Listed by ULC Roof Deck Construction C35 and C36.

The application of fiber cement support boards such as Supra-Deck F – sandwiched between a steel roof deck and combustible roofing materials i.e. membrane, asphalt, insulation, adhesives, and similar components – prevents or reduces the fire feeding hazard that might otherwise occur as materials disintegrate under fire conditions and exposes the roof membrane to heat conducted by steel deck.

.**CAN/ULC-S107-M** "Tests of Roof Covering "

As specified by section 3.1.15 of the National Building Code of Canada.

PROPRERTY OF FABRICATION

The following tests were performed by independent laboratories recognized.

Property	FINEXPERT Board
Manufacturing Tolerance (Length and Width)	±3.0 mm
Thickness Tolerance	±1.5 mm
Squareness Tolerance	< 2.5 mm/m
Density	≥ 1300 kg/m³
Humidified Deflection	1/588 of Span
Dimensional Change (due to humidity)	0.1%
Flexural Strength	> 12 Mpa (1450 psi)
Fastener Pull Resistance	544 N
Freeze – Thaw Resistance	No loss of mass. 3.1% loss of flexural strength (200 cycles)

Please call 1-877-GOFINEX or (450)373-0909 for further technical information.

Property	Test Method	FINEXPERT Board
Impact Resistance[1]	ASTM D 1037 (Falling Ball impact Test)	Passed.
	ANSI A118.9 (Test Methods and Specifications for Cementitious Backer Units).	Sustained falling ball drop from distance of 475 mm (19 '')
Air Permeability[2]	ASTM E 283	<0.00051 l/s.m² at 100 Pa
Coefficient of Thermal Expansion[3]	ASTM C 531	1.2 x 10 -5 mm/mmºC (6.7 x 10 -6 in/inºF)

[1] Tests performed by Warnock-Hersey inc. Report available upon request.

[2] Tests performed by AIR-INS inc. Report available upon request.