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Specialist in fibercement panels since 1996 whose composition is made of cement and synthetic fibers being able to be used for any kind of residential to industrial project.

Ideal for projects asking the following characteristics:

- Can be installed in contact with ground and below grade.
- Structural panel (horizontal application over joists at 16" o/c)
- Can be used as is without further finish or protection.
- Impact and corrosion resistant.
- Fire and heat resistant, non-combustible.
- Resistant to the ultraviolet rays.
- INTERIOR and EXTERIOR use.

Panels can be painted with the **FINEX** finishing products or equivalent.

USE FOR:

<u>EXTERIOR</u>	<u>INTERIOR</u>
BALCONY	FLOOR
DECK	WALL AND CEILING
PROTECTION OF	GARAGE
EXTERIOR INSULATION	BASEMENT
WALL SIDING	BATHROOM
GARDEN SHED	WINE CELLAR
ROOF	KITCHEN
ETC.	HEAT SCREEN
	STOVE BASES
	ETC.



SIZES AND SURFACES AVAILABLE

SMOOTH

TEXTURED



* SEE SAMPLES AT THE END OF THE SALE PORTFOLIO.

PANEL USE FOR:

HORIZONTAL AND VERTICAL

 $^{1}/_{2}$ " - 4' X 8' SMOOTH

 $\frac{1}{2}$ " - 4' X 8' TEXTURED

 $\frac{1}{2}$ " - 4' X 10' SMOOTH

 $\frac{1}{2}$ " - 4' X 10' TEXTURED

VERTICAL ONLY

 $\frac{1}{4}$ " - 4' X 4' SMOOTH

 $\frac{1}{4}$ " - 4' X 4' TEXTURED

 $^{1}/_{4}$ " - 4' X 8' SMOOTH

 $^{1}/_{4}$ " - 4' X 8' TEXTURED

- 1. Panels must be dry prior to installation.
- 2. Leave a minimum space of 1/8" (3 mm) between panels for expansion. If a flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm). A bond breaking tape is required to prevent the flexible sealant from adhering under the joint. Sealing of the joints is not required.
- 3. Pre-drill holes that are 1/16" (1.5 mm) larger than the diameter of the screws that will be used.



TECHNICAL DATA

DESCRIPTION:

Composite panels made with Portland cement reinforced with synthetic fibers and additives. The panels are highly durable and possess structural qualities. During the manufacturing process, layers are pressed together for greater stiffness and moisture resistance. The panels, which come in a non uniform natural cement-grey colour, are non-combustible and rot-proof, and do not require any additional protective treatment.

DIMENSIONS:

1/4" X 4' X 8' 6 mm X 1220 mm X 1220 mm — 39 lb/sheet 1/4" X 4' X 8' 6 mm X 1220 mm X 2440 mm — 77 lb/sheet 1/2" X 4' X 8' 12 mm X 1220 mm X 2440 mm — 145 lb/sheet 1/2" X 4' X 10' 12 mm X 1220 mm X 3050 mm — 180 lb/sheet

PHYSICAL PROPERTIES:

Density: $+ 1,500 \text{ kg/m}^3 (+ 5.4 \text{ lb/in}^3)$

Manufacturing tolerance: Length and width: ± 3 mm Thickness: ± 1.5 mm Squareness: - 1 mm/m

Humidified deflection: 1/588 of span Dimensional change (due to moisture): 0.15%

Compression resistance (Head screw): 950 N Flexural strength: 12 mm ($\frac{1}{2}$ ") + 15 Mpa (2,175 psi) Minimal fastener pull resistance: 12 mm : + 4,000N (932 lb)

Thermal resistance R Value: 6 mm 0,14 12 mm 0,29

Freeze-Thaw resistance (200 cycles): No loss to mass

Air permeability: ASTM E 283 - 0.00051 l./s./m² @ 100 Pa

Thermal expansion: ASTM C 531 1.2 x 10-5 mm/mm C (6.7 x 10-6 po./po. F)

Noise isolation class (NIC) / Sound transmission class (STC): 35

MECHANICAL / PHYSICAL PROPERTIES		VALUE	TEST STANDARD
Modulus of Elasticity	Longitudinal Transversal	1125 kg/cm ² 915 kg/cm ²	ASTM C 120
Modulus of Rupture (Dry Average)	Longitudinal Transversal	130 kg/cm ² 90 kg/cm ²	ASTM C 1185
Coefficient of Thermal Conductivity (K)		0.258 W/m K	ASTM C 518
Ambient Density (Nominal) 25° C		1650 kg/m³	ASTM C 1185
Moisture Content 65% RH 20° C Normal		8 - 12%	ASTM C 1185
Moisture Movement	Normal to Saturation Normal to Dry	1.7 mm/m 2.5 mm/m	ASTM D 1037
Water Vapor Permeance (6 mm - 1/4")		6.69 perms	ASTM E 96
Surface Burning	Flame Spread Smoke Developed	0	ASTM E 84
Water Absorption		< 30%	ASTM C 1185



FINISHING PRODUCTS:



Surface cleaner:

Hydrochloric base cleaner designed to clean and prepare **FINEX** fibercement panels prior to the application of a coating.

It removes dirt, efflorescence and makes the surface porous wich improves penetration and adhesion of the coating.

4 liters of concentrated product covers up to 200 sq. ft.

Screws finishing compound:

Contains:

- 1 cement polymer bag
- 1 can of liquid adhesive.

High performance two-components specially designed for finishing screw heads.

Can will cover 8 to 10 sheets

For more informations consult the label of the product.



FINISHING PRODUCTS:



Anti-Slip Acrylic:

High performance product specially designed to protect and enhance **FINEX** FIBER CEMENT PANELS.

It can be used for exterior or interior, vertical or horizontal, applications with light to medium traffic such as balconies and patios.

Available in 4 colors: Concrete Grey, Blue Grey, Taupe, Sand.

Coverage: A 3.78 liters pail will cover up to 160 sq.ft. (2 coats can be necessary)

*Wait 4 to 6 hours between each coat.

Clear Sealer:

High performance product specially designed to give a wet look to **FINEX** FIBERCEMENT PANELS.

Sealer provides a hard, dust-free surface. Treated surfaces resist oil, grease, calcium and stains.

Coverage: A 3.78 liters pail will cover up to 200 sq.ft. (2 coats are required)

*Apply a second coat once the surface is dry to the touch (+/- 2 hours).

For more informations consult the label of the product.



























































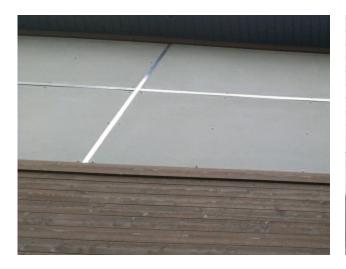








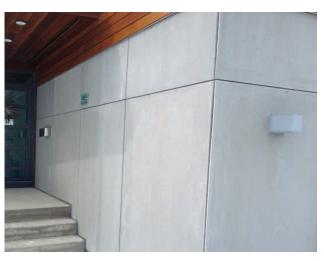






















































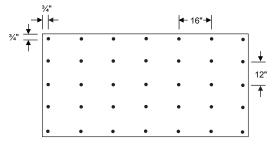
MULTI-PURPOSE FIBER CEMENT PANELS

4.1 DECKS AND BALCONIES – INSTALLATION GUIDE

Any construction should be made in accordance with Local Building Codes.

Preparation

- Provide for a slope of 1/8" per foot (10 mm per m) away from the building to facilitate water drainage.
- Minimum 2" x 6" joists (51 mm x 152 mm) must be spaced a maximum 16" (400 mm) o.c. the joists must be straight and in perfect condition.



3/4" on 16" o.c. framing; fasten every 12" along the joists.

Fastening pattern

- Use 1/2" (12 mm) thick Finex panels.
- When installing Finex panels on wood joists, apply waterproofing tape (e.g. 15 lb building paper) on the joists before fastening the panels in order to prevent moisture transfer. If you are using a flexible adhesive sealant, replace the waterproofing tape with a bond-breaking tape.
- Double up the joists and use blocks (perpendicular to the joists) under all panel joints in order to provide proper support along the full perimeter of the panel, as well as under the joints, and to allow for the fastening of screws into the centre of the joists.

STEP BY STEP

Joists spaced 16" (400 mm) o.c. Use double joists and perpendicular blocks under joints.



Installation on bond-breaking tape



2 Drilling



Countersinking



Hole must be larger than diameter of screw



Leave a space



Installation of masking tape



Application of flexible adhesive sealant

Installation (NEVER GLUE THE PANELS)

- Make sure that the panels are completely dry before the installation.
- In an open and well ventilated area, cut panels to size using a circular saw or a jigsaw with a concrete and masonry blade with carbide/diamond tip. It is recommended that you wear safety goggles and a NIOSHapproved dust mask for crystalline silica.
- Countersink 1/8" (3 mm) holes into the panel. Use a bit to pre-drill holes that are 1/16" (1,5 mm) larger than the diameter of the screws that will be used. Fasten the panel 3/4" (19 mm) from the edge every 12" (305 mm) along the joists. Stainless steel screws are recommended.

Expansion joints

- **NOTE:** The flexible adhesive sealant manufacturer's instructions take precedence over the following.
- Leave a space of at least 1/2" (12 mm) along the width of the panels and 1/4" (6 mm) along the length.
- Install bond-breaking tape (over the joist) to prevent the flexible sealant from adhering under the joint.
- Install masking tape on each side of the joint to gather any excess sealant.
- Ensure that the panel edges are clean and dry. Remove any dust with a brush and a dry cloth before the application of the flexible adhesive sealant.

- Fill joints with a paintable adhesive sealant that will remain flexible. A polyurethane base sealant is recommended.
- Do not apply the flexible adhesive sealant under direct sunlight or if the temperature is below 4° C.
- Allow 5 to 7 days for sealant to cure prior to painting or cleaning the surface.
- **NOTE:** The installation of Finex panels with adhesive sealant or finishing products should not be considered as a waterproofing system. Is such a system is required, put it in place before you install the Finex panels or after with a fluid-applied waterproofing system.

- 1. Panels must be dry prior to installation.
- 2. Leave a minimum space of 1/8" (3 mm) between panels for expansion. If a flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm). A bond breaking tape is required to prevent the flexible sealant from adhering under the joint. Sealing of the joints is not required.
- 3. Pre-drill holes that are 1/16" (1.5 mm) larger than the diameter of the screws that will be used.



4.2 HEAT SCREEN – INSTALLATION GUIDE

Any construction should be made in accordance with Local Building Codes.

Preparation

Walls must be flat, uniform, dry and free of dirt, dust and grease.

Installation

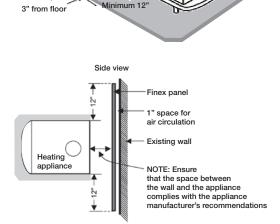
Use 1/2" (12 mm) panels for stove bases and 1/4" (6 mm) panels for heat screens. Panels must extend a minimum of 12" (300 mm) on each side of the appliance. On vertical metal furring strips (or FINEX panel strips) fastened and aligned on the studs, put the heat shield on the wall. Leave a minimum 1" (24 mm) space between the heat shield and the wall to ensure proper air circulation. The screws must be long enough to penetrate at least 3/4" (19 mm) into the framing. Leave a minimum gap of 1" (24 mm) above the panel and 3" (72 mm) below the panel.

Fastening

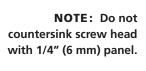
Drill holes using a bit with a diameter that is 1/16" (1,5 mm) larger than the diameter of the screws. Fasten the FINEX panels onto the furring 16" (400 mm) o.c., 3/4" (19 mm) minimum from the edge of the panels. At corners of panels, place fasteners in an asymmetric position at a minimum of 2" from corner and 1" from the edge.

NOTE: Follow the manufacturer's instructions to determine the distance between the screen and the appliance. That distance may be reduced by 2/3 with a FINEX heat screen. FINEX panel can be used as a stove base. Use a high temperature paint for finishing.

WARNING: Do not locate any screws directly behind the appliance. Do not glue stone, ceramic, brick or any decorative covering on FINEX panels when they are used as a heat screen.



Minimum 1" from ceiling





Top view



Framing 16" o.c.

nex panel

Screws 16" o.c.

- 1. Panels must be dry prior to installation.
- 2. Leave a minimum space of 1/8" (3 mm) between panels for expansion. If a flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm). A bond breaking tape is required to prevent the flexible sealant from adhering under the joint. Sealing of the joints is not required.
- 3. Pre-drill holes that are 1/16" (1.5 mm) larger than the diameter of the screws that will be used.



4.3 WALLS AND CEILINGS – INSTALLATION GUIDE

Any construction should be made in accordance with Local Building Codes.

Preparation

Walls and ceilings must be flat, uniform, dry and free of dirt, dust and grease.

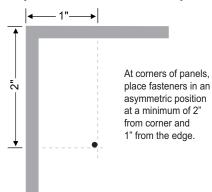
Walls

- Studs and fasteners must be spaced a maximum of 16" (400 mm) o.c. in areas where the humidity is very high and 24" (600 mm) elsewhere.
- Use 1/2" (12 mm) panels for walls where the risk of impact is high.
- Locate joints on centre of studs or joists or furring strips. Leave a
 minimum space of 1/8" (3 mm) between panels for expansion. If a
 flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm).
 A polyurethane base sealant is recommended. (see note #2 below).
- Pre-drill holes that are 1/16" (1,5 mm) larger than the diameter of the screws that will be used. Fasteners must penetrate at least 3/4" (19 mm) into a solid substrate (wood or metal stud).
- Avoid aligning panel joints with door or window openings in order to prevent cracks due to shifting of the framing.
- Fasteners must be placed 3/4" (19 mm) minimum from the edges of the panels.
- At corners of panels, place fasteners in an asymmetric position at a minimum of 2" from corner and 1" from the edge.

Ceilings

- Joists, rafters and fasteners must be spaced a maximum of 24" (600 mm)
- Fasten panels perpendicular to joists in order to ensure that stress is distributed crosswise.
- Locate joints on centre of studs or joists or furring strips. Leave a
 minimum space of 1/8" (3 mm) between panels for expansion. If a
 flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm).
 A polyurethane base sealant is recommended. (see note #2 below).
- Pre-drill holes that are 1/16" (1,5 mm) larger than the diameter of the screws that will be used. Fasteners must penetrate at least 3/4" (19 mm) into a solid substrate (wood or metal stud).
- Fasteners must be placed 3/4" (19 mm) minimum from the edges of the panels.
- At corners of panels, place fasteners in an asymmetric position at a minimum of 2" from corner and 1" from the edge.

Fasteners in an asymmetric position at the corners of panels







NOTE: Do not countersink screw head with 1/4" (6 mm) panel.

- 1. Panels must be dry prior to installation.
- 2. Leave a minimum space of 1/8" (3 mm) between panels for expansion. If a flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm). A bond breaking tape is required to prevent the flexible sealant from adhering under the joint. Sealing of the joints is not required.
- 3. Pre-drill holes that are 1/16" (1.5 mm) larger than the diameter of the screws that will be used.



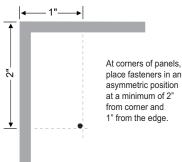
4.4 FOUNDATION – INSTALLATION GUIDE

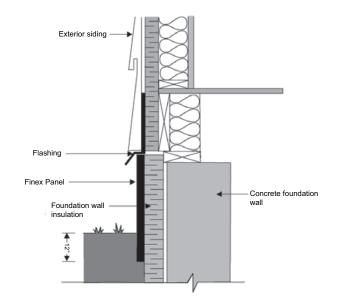
Any construction should be made in accordance with Local Building Codes.

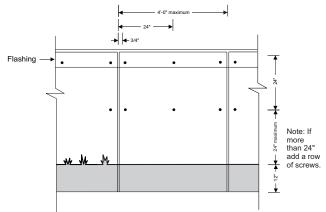
Cut FINEX panels to maximum 4' (1,22 m) lengths

- Install panels 12" (300 mm) below ground level and fasten every 24" (600 mm) along the width and height of the panels.
- Drill holes using a bit with a diameter that is 1/16" (1,5 mm) larger than the diameter of the screws. Fasteners must penetrate at least 3/4" (19 mm) into the concrete or furring strips.
- Fasteners must be placed 3/4" (19 mm) minimum from the edges of the panels.
- At corners of panels, place fasteners in an asymmetric position at a minimum of 2" from corner and 1" from the edge.
- Leave a minimum space of 1/8" (3 mm) between panels for expansion. If a flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm). A bond breaking tape is required to prevent the flexible sealant from adhering under the joint. Sealing of the joints is not required.
- The use of flashing is recommended to cover the screws on the top part of the panels. Use backfill to cover all other screws.

Fasteners in an asymmetric position at the corners of panels

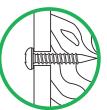






NOTE: Do not countersink screw head with 1/4" (6 mm) panel.





- 1. Panels must be dry prior to installation.
- 2. Leave a minimum space of 1/8" (3 mm) between panels for expansion. If a flexible adhesive sealant is used, leave a minimum space of 1/4" (6 mm). A bond breaking tape is required to prevent the flexible sealant from adhering under the joint. Sealing of the joints is not required.
- 3. Pre-drill holes that are 1/16" (1.5 mm) larger than the diameter of the screws that will be used.



TEL.: 450-373-0909 1-877-923-4639 FAX: 450-377-0440 info@gofinex.com www.gofinex.com

MULTI-PURPOSE FIBER CEMENT PANELS

SALES SUPPORT PROGRAM

PICTURES	DESCRIPTION	DIMENSION	PRICE	QTY ORDER
	DISPLAY Also include a heat screen & stove base interchangeable heading	2' X 4' X 4'	NO CHARGE (VALUE OF \$250.00)	
FINE	DISPLAY	16" X16" X60"	NO CHARGE (VALUE OF \$175.00)	
Installation Guide	INSTALLATION GUIDE	8.5" X 11"	NO CHARGE	
FINE CONTROL OF CONTRO	TEARPAD FINISHING PRODUCT	8.5" X 11"	NO CHARGE	
TINE TO THE TOTAL TO THE T	TEARPAD HEAT SCREEN & STOVE BASE	8.5" X 11"	NO CHARGE	
Oriento s et incombustible st incombusti	TEARPAD DECKS & BALCONIES	8.5" X 11"	NO CHARGE	
FINE CONTROL OF THE PROPERTY O	TEARPAD PROTECTION OF EXTERIOR INSULATION	8.5" X 11"	NO CHARGE	
FINE CONTRACTOR	SALES BINDER	8.5" X 11"	NO CHARGE (VALUE OF \$35.00)	
	SAMPLES (8" X 8") 1) Smooth 2) Textured 3) 4 colours with Clear Sealer	Thickness of 1/4" & 1/2"	NO CHARGE	
Santes EINEX	SIKAFLEX CAULKING	2" X 4"	NO CHARGE	
SHIP TO:		Distributed by:		
		-		
PHONE:		_		
CONTACT :				



LIMITED LIFETIME WARRANTY

- 1. Under the terms of this warranty, FINEX warrants the product against manufacturing default, delamination, rot, deterioration due to ultraviolet rays, corrosion. This warranty does not cover any other damages. FINEX reserves the right to void all warranties if the installation requirements are not respected. The requirements are found in the FINEX installation guide and Website (www.gofinex.com). The purchaser recognizes that the product is subject to naturally occurring variations (contraction/expansion, texture, minor dimensional differences). FINEX reserves the right to inspect the product prior to any repairs, and to confirm that the product displays the defect covered by this warranty.
- 2. FINEX sole responsibility is to replace the product damaged by manufacturing default, delamination, rot, deterioration due to ultraviolet rays, corrosion and specifically excludes all other damage, of whatever nature, excluding any cost of labour, installation or reinstallation costs and other direct or indirect damage, real or anticipated, present or future.
- 3. Any product found to be unsatisfactory prior to installation, for any reason, must not be installed. The warrantor will not be responsible, in any way, for labour or material if a defective or non-standard product is installed. The warrantor shall not be liable for any consequential or special damages, or for other expenses (sheathing, fasteners, caulking, etc.) which may arise in connection with this warranty.
- **4.** In purchasing the product, the purchaser accepts the terms and conditions of this warranty, which replaces any other representation, warranty or condition, explicit or implicit, statutory or other.
- 5. This warranty is automatically transferable to the subsequent purchaser of the residential or commercial building upon which the product has been installed. Any claim under this warranty by the purchaser or subsequent owner, as the case may be, must be made in writing during the period covered by the warranty and must include the original invoice for the product. The quantity of replacement product will correspond to the quantity of product affected.



FINEX REPRESENTATIVE:

TEL.: 450-373-0909 1-877-923-4639 FAX: 450-377-0440 info@gofinex.com www.gofinex.com

MULTI-PURPOSE FIBER CEMENT PANELS

LAIM FORM P	LEASE SEND PIO	CTURES E	BY E-MAIL TO:	info@g	ofinex.con
Date of Claim			Retailer		
Name of Consumer			Adress		
Adress			Contact		
Phone			Contact Phone		
TY & PRODUCTS:					
1/4" X 4' X 4' Panel	Smooth	1/2" X 4' X 8' Pa		Panel	Smooth
	Textured Smooth				Textured _ Smooth
1/4" X 4' X 8' Panel	Textured		1/2" X 4' X 10)' Panel	Textured
Finishing Pro					
Date of Pur	chase			Invoid	:e #
ROBLEM DESCRIPTION	N:				
DOINTS TO VEDIEV	VEC	NO		CORARAC	NITC
POINTS TO VERIFY	YES	NO		COMME	INIS
Frame: Straight and flat					
Slope of 1/8" per foot					
Joist at 16" o/c or less					
Holes pre-drilled 1/16" larger than screw diameter					
Double joists on joints panels (screw min 3/4" from edge of	f panel)				
Expansion joint of 1/8" or mo					
Fastening pattern respected					
Surface was cleaned prior to paint application					
Painted surface					
Sealed surface					
Flexible caulking for joints					
Production date (edge of the	panel)				
Installation date					
COMMENTS:					
RECOMMENDATION / S	OLUTION:				

03/2016



TO CONTACT US

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