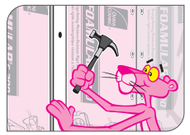
UNFINISHED CONCRETE BASEMENT WALLS

FOAMULAR® C-200 OR INSULPINK® EXTRUDED POLYSTYRENE RIGID INSULATION

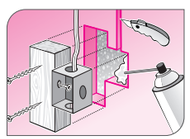
1. PREPARING WALLS. Ensure concrete walls are as flat as possible; hammer off rough spots.

2. TRIMMING AND PLACING C-200 OR INSULPINK® INSULATION TO WALL HEIGHT. Measure the height of the wall. Trim insulation to correct length. Place insulation vertically on the wall starting in a corner. Use a spot adhesive to temporarily hold the foam boards in place against foundation wall, ensuring that foam boards are level. Trim shiplap edge to fit the corner.



3. INSERTING WOOD FURRING STRIPS. Insert wood furring strips in insulation voids (for InsulPink® product) or over insulation (for C-200 product) and anchor to concrete wall using appropriate masonry anchors a maximum of 24" (600 mm) o.c. vertically.

4. INSTALLING ELECTRICAL BOXES AND WIRING. See next panel.

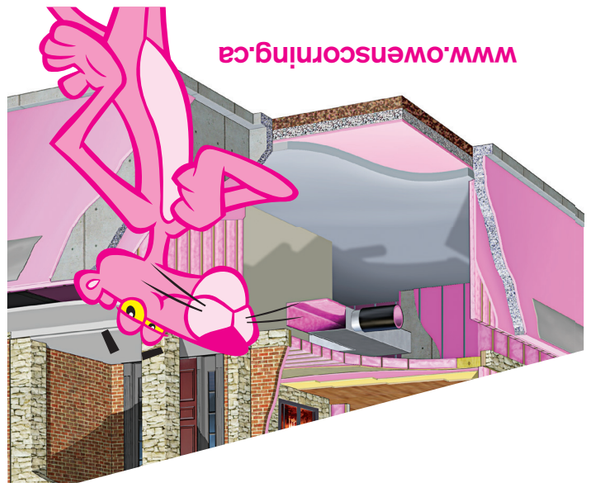


5. FILLING JOINTS WITH FOAM SEALANT. Fill joint at the perimeter of the insulated wall as well as all perforations made in the insulating panel (e.g., electrical boxes and windows). Cut off protruding foam sealant with a knife or hacksaw blade to ensure gypsum board can be installed properly.

6. VAPOUR RETARDER. Install polyethylene vapour retarder or seal joints in foam board to act as vapour retarder. Consult applicable building code for requirements. Use Owens Corning™ JointSealR™ tape approved for taping joints on foam board insulations.

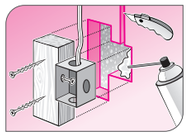
Install polyethylene vapour barrier over foam if required. Consult applicable building code.

7. FINISHING WALLS. When installation is complete, install 1/2" (13 mm) drywall or other approved thermal barrier material using appropriate fasteners into wood furring strips. Finish the drywall according to manufacturer's instructions. Consult the National Building Code for requirements when using other finishes.



Recommended thickness: 2.5" (63 mm)

INSTALLING ELECTRICAL BOXES AND WIRING



1. PREPPING ELECTRICAL BOX LOCATION. At the location of the electrical outlet, cut out a 2" x 6" void in the insulation.

2. FASTENING ELECTRICAL BOX. Insert a wood filler piece in the opening to fill the void and fasten to concrete wall with appropriate masonry fasteners. Cut out another void in the insulation next to the wood filler piece in order to be able to insert the electrical box and screw box into side of wood filler piece to hold it in place. Position the electrical box so that it will sit flush with the gypsum board once installed.

3. BRINGING WIRE FROM JUNCTION BOX TO OUTLET. Create a groove in the insulation board to inset electrical wire coming from junction box to outlet. Wire should be embedded 1/2" (13 mm) minimum (i.e., electrical wire should be at least 1" [25.4 mm] from drywall surface). Connect the wire to the electrical box.

4. FILLING & SEALING. Use a foam sealant to fill the enlarged groove, the area behind the electrical box and the perimeter of the piece of wood and the electrical box.

EXTRA INSULATING POWER AND MORE ENERGY SAVINGS!

Recommended R-value and thickness:
1 layer of 2" (50 mm) FOAMULAR® C-200 or FOAMULAR® CodeBord® Extruded Polystyrene Rigid Insulation and 1 layer of R-14 PINK® FIBERGLAS® Insulation

OWENS CORNING®

Insulate your home with FOAMULAR® Extruded Polystyrene Rigid Insulation, a moisture-resistant, rigid foam insulation, which can be installed on interior or exterior of walls, foundation walls and under concrete floor slabs. With a thermal resistance of R-5 per inch of thickness, it will help you save money** on heating and cooling costs. Lightweight, durable and impact-resistant, FOAMULAR® products are easy to handle and install. Choose FOAMULAR® Rigid Insulation for your next renovation and feel confident that you are helping to make an energy-efficient world.

GREENGUARD GOLD — PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL 2818 — CERTIFIED RECYCLED CONTENT — AVERAGE 20% RECYCLED CONTENT PRE-CONSUMER — 20

FOAMULAR® Extruded Polystyrene Insulation

For more info call 1-800-GET-PINK® or visit www.owenscorning.ca

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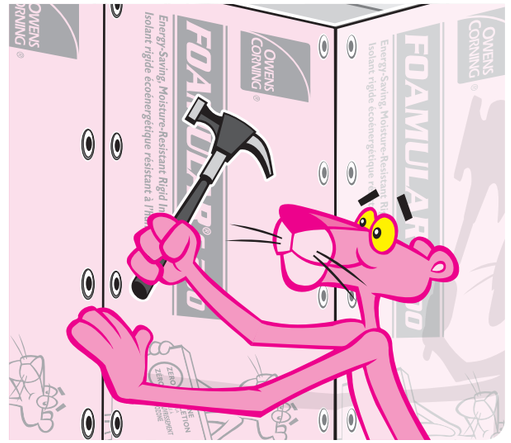
FOAMULAR® INSULATION

Your How-To Project Guide for Home Comfort Solutions™

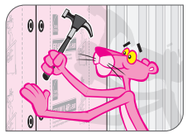


Everything you need to know to add comfort and savings. Visit www.owenscorning.ca

ATTIC, BELOW RAFTERS

FOAMULAR® C-200 OR INSULPINK® EXTRUDED POLYSTYRENE RIGID INSULATION

FOAMULAR® C-200 or InsulPink® boards may be installed below the attic rafters to achieve maximum assembly thermal resistance while maintaining ventilation space above the installed batts. It is a good practice to fasten strapping through the foam boards to the rafters for easy attachment of drywall.



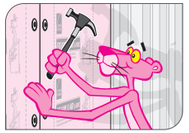
1. Once the batt insulation has been installed flush with the underside of the framing, install FOAMULAR® C-200 or InsulPink® Rigid Insulation boards against the framing, using nails and washers.

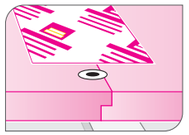
2. Install a continuous and sealed polyethylene air/vapour barrier over FOAMULAR® Insulations (need one over both C-200 and InsulPink®). Install gypsum board over wood strapping. FOAMULAR® C-200 or InsulPink® can act as the air/vapour barrier with sealed joints. Consult applicable building code.

Recommended thickness: 2” (51 mm)

OUTSIDE & INSIDE WALLS

FOAMULAR® CODEBORD® EXTRUDED POLYSTYRENE RIGID INSULATION





1. INSTALLING CODEBORD®. Install insulation panels vertically on the outside exterior walls. Begin installation in a corner of the wall and trim off shiplap edge of panel so it is flush with the outer edge of the stud. Fasten panels to frame with nails and washers at 6” (152 mm) centres on vertical edges of panels and at 12” (300 mm) on intermediate stud supports. Slide panels together ensuring vertical edges meet at and are supported by studs at 16” or 24” (400 or 600 mm) on centre. Tape all joints with Owens Corning approved JointSealR™ tape.

2. APPLYING EXTERIOR FINISH. To prevent discoloration caused by exposure to direct sunlight, apply exterior finish as soon as possible.

INSIDE WALLS To complete the installation on the inside exterior walls, follow instructions 1 to 4 in the EcoTouch® PINK® FIBERGLAS® Insulation How To Guide.

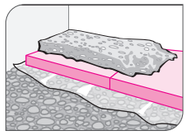
EXTRA INSULATING POWER AND MORE ENERGY SAVINGS!

Recommended thickness and R-values:
2x4 Walls: 1 layer of 2”/50 mm FOAMULAR® CodeBord® Extruded Polystyrene Rigid Insulation plus 1 layer of R-12 or R-14 PINK® FIBERGLAS® Insulation

2x6 Walls: 1 layer of 1½”/38 mm FOAMULAR® CodeBord® plus 1 layer of R-19, R-22 or R-24 PINK® FIBERGLAS® Insulation

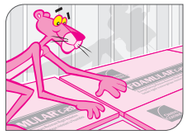
CONCRETE BASEMENT FLOORS

FOAMULAR® C-200 OR C-300 EXTRUDED POLYSTYRENE RIGID INSULATION



1. LAYING GRAVEL. Lay at least 6” (152 mm) of coarse, clean, gravel on the top of the undisturbed soil and ensure that it is level.

2. APPLYING VAPOUR RETARDER. Apply a 6 mil. vapour retarder on top of the gravel.



3. INSTALLING C-200 OR C-300. Ensure panels are butted together as tight as possible.

4. POURING CONCRETE. Pour concrete over the panels to an even and level depth of 4–6” (100–150 mm).

Note: Local Building Code and Building Officials should be consulted regarding minimum construction requirements in your municipality.

Recommended thickness: 1½" or 2" (38 mm or 50 mm)

FOAMULAR® CODEBORD® EXTRUDED POLYSTYRENE RIGID INSULATION

USED FOR 4’ X 8’ OR 4’ X 9’ ABOVE-GRADE EXTERIOR WALLS OR BASEMENT INTERIOR WALLS.

SPECIFICATIONS:
- Above-grade exterior
- Below-grade interior
- 20 PSI
- Butt and shiplap edges

PRODUCT SPECIFICATIONS

Thickness		Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm
0.8	20	48	1220	96	2438	108	2743
1	25	48	1220	96	2438	108	2743
1½	38	48	1220	96	2438	108	2743
2	51	48	1220	96	2438	108	2743

CALCULATE YOUR NEEDS FOR FOAMULAR® CODEBORD® EXTRUDED POLYSTYRENE RIGID INSULATION

It’s easy to calculate the number of CodeBord® rigid panels you’ll need to complete your project. Here’s how:

1. **TOTAL AREA.** Determine the area in ft^2/m^2 to be insulated by multiplying the wall length by the wall height in ft/m. **LENGTH ____ X HEIGHT ____ = ____ FT²/M²**

2. **WINDOWS AND DOOR OPENINGS.** Subtract total area of window and door openings in ft^2/m^2. **TOTAL WALL AREA IN FT²/M² ____ – AREA OF OPENINGS IN FT²/M² ____ = ____ WALL AREA TO BE INSULATED IN FT²/M²**

3. **CALCULATE HOW MANY SHEETS YOU NEED.** Divide total area to be insulated by ft^2/m^2 per sheet to determine the total number of sheets required. **WALL AREA IN FT²/M² ____ ÷ COVERAGE/SHEET IN FT²/M² ____ = TOTAL NUMBER OF SHEETS ____**

CALCULATING YOUR NEEDS IS AS EASY AS 1, 2, 3…

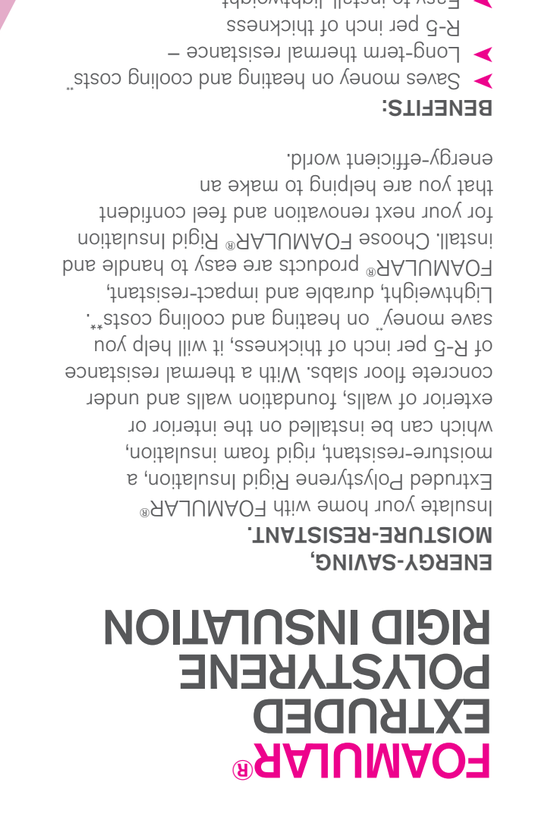
EXAMPLE		YOUR HOME
Wall length	20 ft (6.0 m)	
Multiply by wall height	8 ft (2.4 m)	x
Total area	160 ft^2 (14.87 m^2)	=
Less area for openings	-32 ft^2 (-3.0 m^2)	-
Total wall area	128 ft^2 (11.9 m^2)	=
Divided by coverage area/sheet (e.g., 32 ft^2/3.0 m^2 for 4X8 sheets)	32 ft^2 (2.97 m^2)	÷
Number of sheets required: 4		=

Insulate your home with FOAMULAR® Extruded Polystyrene Rigid Insulation, a moisture-resistant, rigid foam insulation, which can be installed on the interior or exterior of walls, foundation walls and under concrete floor slabs. With a thermal resistance of R-5 per inch of thickness, it will help you save money** on heating and cooling costs. Lightweight, durable and impact-resistant, FOAMULAR® products are easy to handle and install. Choose FOAMULAR® Rigid Insulation for your next renovation and feel confident that you are helping to make an energy-efficient world.

For more info call 1-800-GET-PINK®
or visit www.owenscorning.ca

FOAMULAR® INSULATION

Your Complete Product Guide



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FOAMULAR® C-200, C-300, INSULPINK® EXTRUDED POLYSTYRENE RIGID INSULATION

ENERGY-SAVING, MOISTURE-RESISTANT.

Insulate your home with FOAMULAR® Extruded Polystyrene Rigid Insulation, a moisture-resistant, rigid foam insulation, which can be installed on the interior or exterior of walls, foundation walls and under concrete floor slabs. With a thermal resistance of R-5 per inch of thickness, it will help you save money** on heating and cooling costs*. Lightweight, durable and impact-resistant, FOAMULAR® products are easy to handle and install. Choose FOAMULAR® Rigid Insulation for your next renovation and feel confident that you are helping to make an energy-efficient world.

BENEFITS:
- Saves money on heating and cooling costs**
- Long-term thermal resistance – R-5 per inch of thickness
- Easy to install, lightweight and durable
- Moisture-resistant
- 20% recycled content*
- GREENGUARD Gold certified for indoor air quality

For more info visit owenscorning.ca

USED FOR BASEMENTS, FLOORS & WALLS EXTERIOR INSULATING SHEATHING.

SPECIFICATIONS:
- Below grade/interior/exterior
- Concrete floor slabs
- 20 PSI (C-200); 30 PSI (C-300)
- Butt and shiplap edges

PRODUCT SPECIFICATIONS

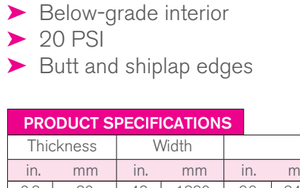
Thickness		Width		Length	
in.	mm	in.	mm	in.	mm
1	25	24	610	96	2438
1.5	38	24	610	96	2438
2	51	24	610	96	2438
2.5	64	24	610	96	2438
3	76	24	610	96	2438
4	102	24	610	96	2438

PROPINK COMFORTSEAL™ SILL GASKET

BENEFITS:
- Fills gap between sill plate and foundation wall
- Made in Canada and easy to install
- Helps reduce air leakage in your home
- Polyethylene foam is durable and moisture-resistant

CALCULATE YOUR NEEDS

Measure the perimeter of your foundation wall. Divide the total perimeter in feet by 82 ft/roll to obtain the total number of rolls required.



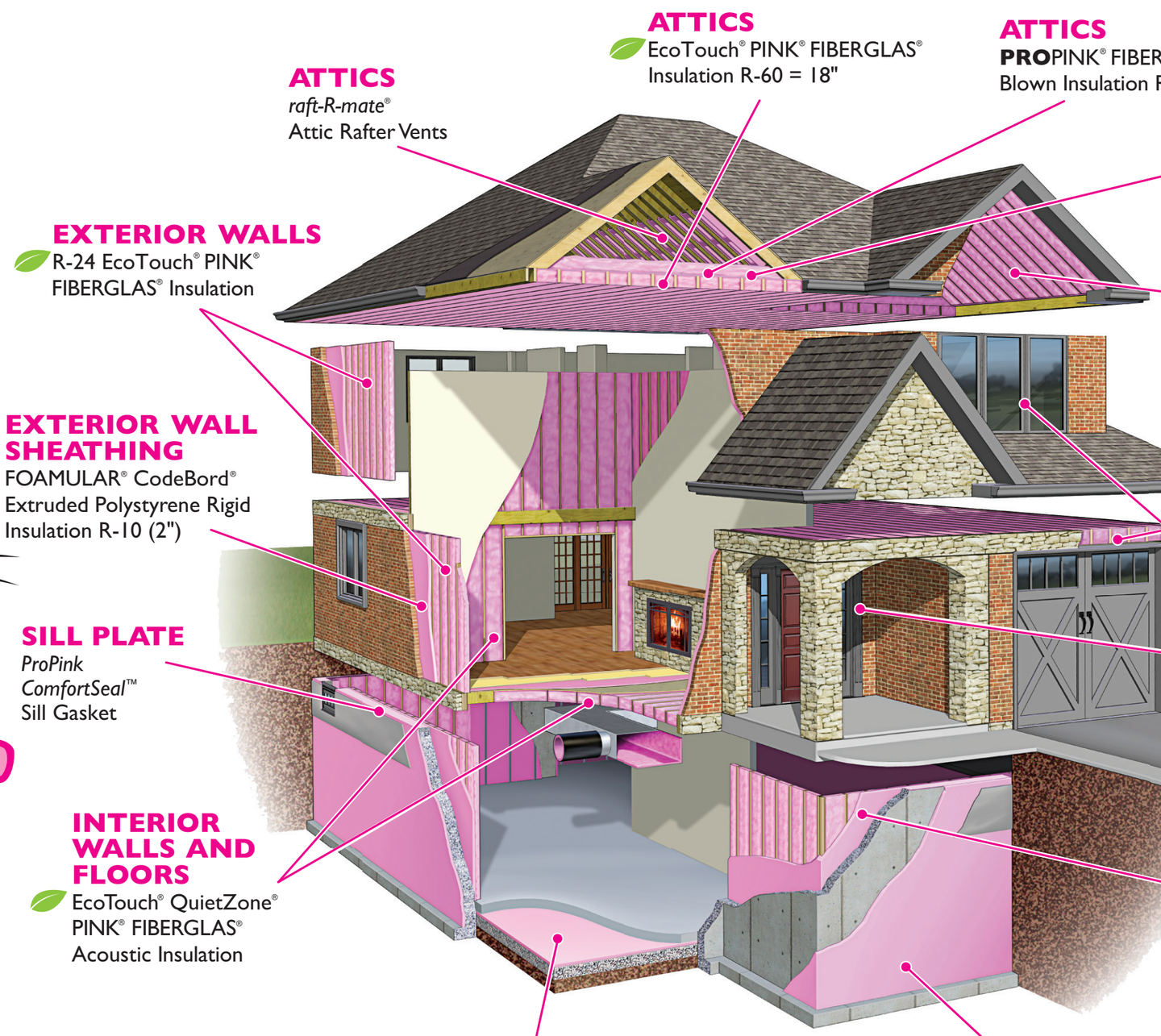
TOP OF FOUNDATION WALL

For more info visit owenscorning.ca

CHOOSE PINK® FOR HOME COMFORT SOLUTIONS.™

When you choose Owens Corning™ Insulation, you're not just choosing energy efficiency. You're choosing peace of mind. That's because the company that invented PINK® FIBERGLAS® Insulation brings you Home Comfort Solutions™. Thermal performance from a name you can trust. **That's Owens Corning.**

For more info call 1-800-GET-PINK® or visit www.owenscorning.ca.



ATTICS
EcoTouch® PINK® FIBERGLAS®
Insulation R-60 = 18"

ATTICS
PROPINK® FIBERGLAS®
Blown Insulation R-60 = 22¼"

ATTICS
raft-R-mate®
Attic Rafter Vents

ATTICS
AttiCat® Expanding Blown-In
Insulation System R-60 = 22¼"

EXTERIOR WALLS
R-24 EcoTouch® PINK®
FIBERGLAS® Insulation

CATHEDRAL CEILINGS
EcoTouch® PINK® FIBERGLAS®
Insulation R-40

EXTERIOR WALL SHEATHING
FOAMULAR® CodeBord®
Extruded Polystyrene Rigid
Insulation R-10 (2")

FLOORS OVER UNHEATED SPACES
EcoTouch® PINK®
FIBERGLAS® Insulation R-40

SILL PLATE
ProPink
ComfortSeal™
Sill Gasket

SMALL GAPS
EcoTouch® PINK®
Multi-Purpose or
PINK-PAK® PLUS
FIBERGLAS® Insulation

INTERIOR WALLS AND FLOORS
EcoTouch® QuietZone®
PINK® FIBERGLAS®
Acoustic Insulation

BASEMENT WALLS
1" (R-5) FOAMULAR® CodeBord®
Extruded Polystyrene Rigid Insulation
Plus R-20 EcoTouch® PINK®
FIBERGLAS® Batts

BASEMENT FLOORS
FOAMULAR® C-300
Extruded Polystyrene
Rigid Insulation R-10 (2")

BASEMENT WALLS
FOAMULAR® C-200
Extruded Polystyrene
Rigid Insulation R-20 (4")