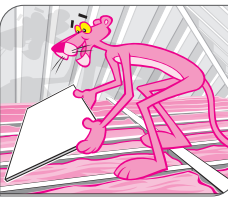




# QUICK & EASY INSTALLATION & SAFETY TIPS



**SAFETY FIRST**  
Wear protective gear: goggles, gloves, dust mask or respirator, long pants and sleeves. Ensure there's proper lighting.



**WORKING AREA**  
Ensure installation area is accessible and easy to move around in. You will need something sturdy to kneel or walk on such as a plank or a sheet of plywood.



**TOOLS**  
Keep the following tools on hand: hammer, putty knife, caulking gun, tape measure, straight edge, utility knife, lightweight stapler and a pole or rake (for hard-to-reach places).



**KEEP PACKAGE INTACT**  
Do not open batt packaging outside of workspace; insulation will expand significantly.

Note: Never cover vents, recessed light fixtures, ceiling fans, outlets or other access points. Allow 3" (76 mm) of objects and light fixtures. Use approved CSA insulated boxes for recessed lighting. Consult applicable building code, standards or regulations for specific required clearances to chimneys, flue pipes, and all other heat-emitting devices and combustion exhaust equipment.

## AN UNINSULATED ATTIC

### PINK® FIBERGLAS® INSULATION



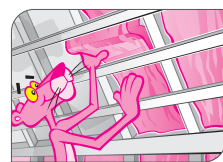
**1. INSTALLING VAPOUR BARRIER.** Install a continuous layer of polyethylene vapour barrier on the warm-in-winter side of the cavity.



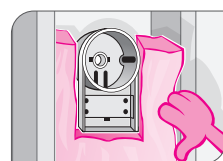
**2. INSTALLING BATTS.** Lay R-40 batts at outer edge of area, ensuring they cover top plate of the wall, then work toward the middle of the attic. Do not block the ventilation space leading up from the eave vents. Butt pieces together tightly; gaps reduce R-value significantly.



**3. ADDING A SECOND LAYER.** When using two layers of insulation, lay the second layer perpendicular to the first (e.g., place one layer of R-20 on top of and perpendicular to bottom layer of R-40).



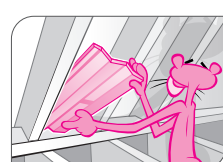
**4. INSULATING END/KNEEL WALLS.** Install batts in end and kneel walls. At the perimeter of the attic, lay the insulation up to the roof rafters, but keep it away from plywood roof sheathing.



**5. WIRING AND DETAIL AREAS.** Slip insulation under wiring and electrical where necessary. Keep away from vents and allow 3" (76 mm) of clearance around exhaust fans, chimneys, and heat-emitting objects and light fixtures. Use approved CSA insulated boxes for recessed lighting. Consult applicable building code, standards or regulations for specific required clearances to chimneys, flue pipes, and all other heat-emitting devices and combustion exhaust equipment.



**6. SEALING WINDOWS.** Use a foam sealant for sealing and insulating around windows.



**7. VENTILATION.** Staple *raft-R-mate*® Attic Rafter Vents as you go, at the eaves of every joist to ensure appropriate ventilation area.

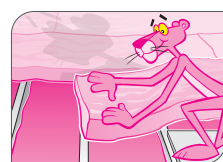


Recommended R-value and thickness:  
R-60 or 18" (457 mm)

## TOP UP YOUR ATTIC

### PINK® FIBERGLAS® INSULATION

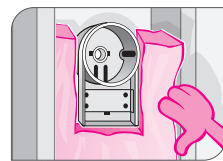
Measure (in in./mm) the thickness of the insulation in your attic. Refer to the EcoTouch® PINK® FIBERGLAS® Insulation Product Guide on how to calculate the amount of insulation required to reach a total of 18" (457 mm) of thickness.



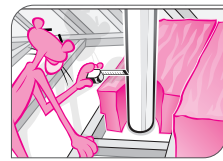
**1. ADDING A SECOND LAYER.** Lay the second layer perpendicular to the first. Start by laying batts at outer edge of area, ensuring they cover the top plate of the wall, then work toward the middle of the attic. Do not block the ventilation space leading up from the eave vents. Butt pieces together tightly; gaps reduce R-value significantly. Cut batts so that they fit closely up against wood cross-bracing members.



**2. WIRING AND DETAIL AREAS.** Slip insulation under wiring and electrical where necessary. Keep away from vents and allow 3" (76 mm) of clearance around exhaust fans, chimneys, and heat-emitting objects and light fixtures. Use approved CSA insulated boxes for recessed lighting. Consult applicable building code, standards or regulations for specific required clearances to chimneys, flue pipes, and all other heat-emitting devices and combustion exhaust equipment.



**3. SEALING WINDOWS.** Use a foam sealant for sealing and insulating around windows.



**4. INSTALLING RAFTER VENTS.** Staple *raft-R-mate*® Attic Rafter Vents, as you go, at the eaves of every joist. Ensure you leave 2½" (64 mm) of ventilation space between the insulation and the roof sheathing.



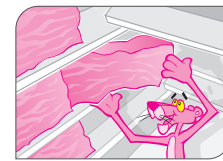
Recommended R-value and thickness:  
R-60 or 18" (457 mm)

## FINISHING YOUR ATTIC

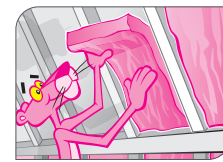
### PINK® FIBERGLAS® INSULATION



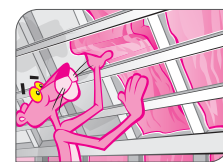
**1. INSTALLING RAFTER VENTS.** Install eave vents such as *raft-R-mate*® Attic Rafter Vents or soffit and ridge vents.



**2. INSTALLING BATTS.** Use separate pieces of FIBERGLAS® insulation for rafters and collar beams. Don't try to fit a continuous strip of insulation where collar beams and rafters meet; hard-to-fill gaps may be the result. Push the batts between the rafters until they are flush with the bottom edge of the wood.



**3. INSULATING FLAT CEILINGS.** If a flat ceiling is being installed, place batts between joists.



**4. INSULATING END/KNEEL WALLS.** Install batts in end and kneel walls. Insert cut strips into narrow details. (Expanding foam is best for sealing and insulating around windows.)



**5. AIR/VAPOUR BARRIER.** Install sealed and continuous polyethylene air/vapour barrier on the warm-in-winter side of the living area of the house.



**6. FINISHING THE WALLS.** As soon as the insulation has been installed, finish the walls and ceiling with an approved interior finish, such as gypsum wallboard.

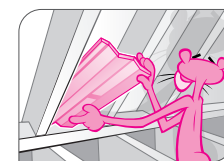
**PLUS:** Save on heating and cooling costs\*\* when you insulate with EcoTouch® PINK® FIBERGLAS® Insulation.



Recommended R-value and thickness:  
R-60 or 18" (457 mm)

## CATHEDRAL & FLAT CEILINGS

### PINK® FIBERGLAS® INSULATION



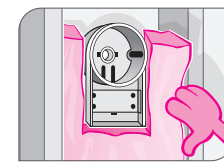
**1. INSTALLING RAFTER VENTS.** Install eave vents, such as *raft-R-mate*® Attic Rafter Vents or soffit and ridge vents at the eave of every joist.



**2. INSTALLING BATTS.** Use separate pieces of FIBERGLAS® insulation for rafters and collar beams. Don't try to fit a continuous strip of insulation where collar beams and rafters meet – hard-to-fill gaps may be the result. Push the batts between the rafters until they are flush with the bottom edge of the wood.



**3. WIRING AND DETAIL AREAS.** Slip insulation under wiring and electrical where necessary. Keep away from vents and allow 3" (76 mm) of clearance around exhaust fans, chimneys (refer to specific clearance requirements of the chimney flue manufacturer), and heat-emitting objects and light fixtures (unless IC rated). Use approved CSA insulated boxes for recessed lighting.



**4. INSTALLING AIR/VAPOUR BARRIER.** Install a continuous layer of polyethylene vapour barrier on the warm-in-winter side of the cavity. Overlap the joints by at least 6" and seal with approved caulking or tape.†



Note: Consult applicable building code, standards or regulations for specific required clearances to chimneys, flue pipes, and all other heat-emitting devices and combustion exhaust equipment.



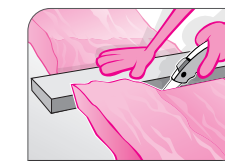
Recommended R-value and thickness:  
R-40 or 12" (305 mm)

## BASIC INSIDE EXTERIOR WALL

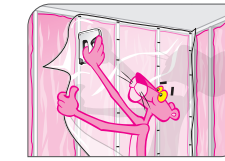
### PINK® FIBERGLAS® INSULATION



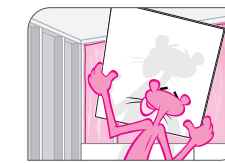
**1. INSTALLING BATTS.** Be careful not to compress insulation beyond edges of the studs. The insulation should fit snugly against the studs and completely fill the cavity to the top and bottom plates.



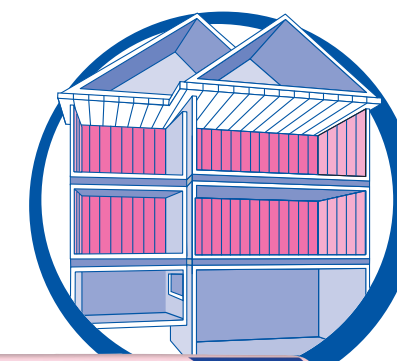
**2. WIRING CABLES.** Split the batts and place behind and in front of wiring cables and use small strips for narrow areas. Stuff small pieces of insulation around plumbing, vents, and around windows and doors.



**3. INSTALLING VAPOUR BARRIER.** Install a continuous polyethylene vapour barrier over entire wall area. Seal joints if vapour barrier is also acting as the air barrier in the assembly.



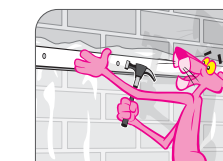
**4. INSTALLING DRYWALL.** Install drywall or other wall finish on top of the vapour barrier as soon as you have finished installing the insulation.



Recommended R-value and thickness:  
2x4 Walls: 1 layer of R-12 or R-14  
2x6 Walls: 1 layer of R-20 or R-22 or R-24

## 2x4 WOOD STUD BASEMENT WALLS

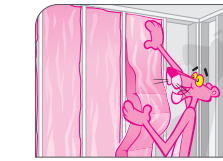
### PINK® FIBERGLAS® INSULATION



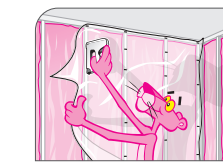
**1. APPLYING MOISTURE BARRIER.** Apply moisture barrier from the floor up to the finished level of the ground outside.



**2. BUILDING A STANDARD WALL.** Build a frame using studs around basement and place against the concrete wall. Fasten to joists above and to the floor. Stud spacing can be 16" (400 mm) or 24" (600 mm).



**3. CUTTING BATTS.** Cut batts to fit the band joists between the top plate and underside of the floor.



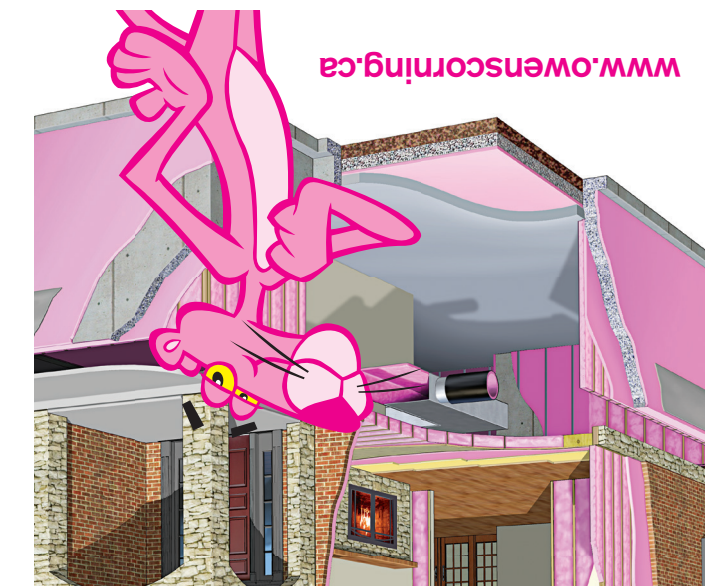
**4. INSTALLING BATTS.** Place batts between studs, flush with inside face of studs. Ensure band joists are covered with insulation because heat loss can be significant.



**5. INSTALLING VAPOUR BARRIER.** Staple vapour barrier over the entire wall to edge of the studs and plates. Ensure it covers joints between wall and upper floor ceilings and over insulation at header between floor joists.



Recommended R-value and thickness:  
R-12, R-14 – 3.5" (89 mm) or  
R-20 – 6" (152 mm)





Product	Thickness	Width	Length	Coverage
PINK® FIBERGLAS® PLUS	3.5 in. (89 mm)	15 in. (381 mm)	32 ft (9750 mm)	40 sq. ft (3.7 m²)
MULTI-PURPOSE	2.0 in. (51 mm)	16 in. (406 mm)	4 ft (1219 mm)	5.3 sq. ft (0.5 m²)



- ▶ Handy size
- ▶ Designed to prevent heating and cooling leaks in small gaps
- ▶ Easy to transport, easy to install
- ▶ EcoTouch® PINK® FIBERGLAS® Insulation
- ▶ All the performance and benefits of EcoTouch® PINK® FIBERGLAS® Insulation

**BENEFITS:**

Small Projects: doors, windows, pipes, air conditioner, heating & cooling ducts

**PINK® FIBERGLAS® INSULATION IN SMALLER PACKAGES STILL MEANS HEATING AND COOLING SAVINGS.**

**ECOTOUCH® PINK® FIBERGLAS® INSULATION**

For more info visit [owenscorning.ca](http://owenscorning.ca)



**CALCULATE YOUR NEEDS**

- ▶ Will not decay over time
- ▶ High resistance to moisture
- ▶ Easy to install
- ▶ Attic ventilation



**RAFT-R-MATE® ATTIC RAFTER VENTS**

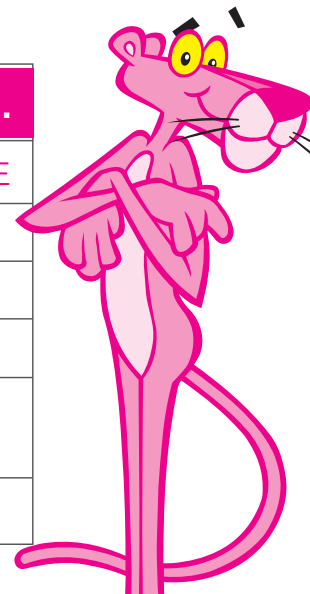
**CALCULATE YOUR NEEDS FOR PINK® FIBERGLAS® INSULATION**

It's easy to calculate the number of insulation packages you'll need to complete your project. Here's how:

- TOTAL AREA.** Determine the area in square feet/metres to be insulated by multiplying the length by the width in ft/m. **LENGTH \_\_\_\_ X WIDTH \_\_\_\_ = \_\_\_\_ FT²/M²**
- WIDTH OF INSULATION.** Measure the distance between joists to determine the insulation width for the job. **DISTANCE BETWEEN JOISTS = \_\_\_\_ INCHES/MM**
- CHOOSE YOUR PRODUCT.** Determine which insulation product (R-value and width) is appropriate for your project. (Choose product width to match distance between joists.) **PRODUCT WIDTH = \_\_\_\_ INCHES/MM**
- CALCULATE HOW MANY PACKAGES YOU NEED.** Divide total area in ft²/m² to be insulated by the coverage area per package in ft²/m². Round up to the next whole number to determine the total number of packages required. **TOTAL AREA IN FT²/M² \_\_\_\_ ÷ COVERAGE AREA IN FT²/M² PER PKG. \_\_\_\_ = TOTAL NUMBER OF PACKAGES \_\_\_\_**

**CALCULATING YOUR NEEDS IS AS EASY AS 1, 2, 3...**

WOOD STUD WALL EXAMPLE	YOUR HOME
Attic length	22 ft (6.7 m)
Multiply by attic width	40 ft (12.2 m) <b>x</b>
Total area	880 ft² (81.7 m²) <b>=</b>
Divided by ft²/m² per pkg. SpaceSaver® Bag: R-20/15" width = 78.3 ft² (7.3 m²)	78.3 ft² (7.3 m²) <b>÷</b>
<b>Number of packages required: 12</b>	<b>=</b>



**QUIETZONE® PINK® FIBERGLAS® ACOUSTIC BATT INSULATION**

THE PERFORMANCE OF PINK® FIBERGLAS® WITH NOISE CONTROL FOR INTERIOR WALLS, CEILINGS & FLOORS.

- BENEFITS:**
- All the performance and benefits of EcoTouch® PINK® FIBERGLAS® Insulation
  - Minimizes unwanted noise in:

- ▶ Bedrooms
- ▶ Bathrooms
- ▶ Home Theatres
- ▶ Basements
- ▶ Laundry Rooms
- ▶ Home Offices

Application	Width		Length	Thickness	
	in./mm	in./mm		in.	mm
Wood Stud	15/381	23/584	48/1219	1½/2½/3½/6	38/65/89/152
Steel Stud	16/406	24/610	48/1219	1½/2½/3½/6	38/65/89/152



For more info visit [owenscorning.ca](http://owenscorning.ca)

**FREQUENTLY ASKED PRODUCT QUESTIONS**

**WHICH R-VALUE SHOULD I CHOOSE FOR MY PROJECT?**

New and retrofit insulation projects must always meet local building code insulation levels. Higher levels are recommended to increase energy efficiency, occupant comfort and help save the planet. See how-to booklet for recommended insulation levels.

**Remember! The higher the R-value, the greater the insulating power and the savings.**

No. Insulation is not a source of condensation problems. In properly insulated and ventilated areas, the use of vapour retarders and a continuous air barrier system help to reduce the risk of condensation.

**WHAT IS THE PURPOSE OF AIR/VAPOUR BARRIERS?**

Air/vapour barriers help reduce the amount of moist air leaking through the assembly thus reducing the risk of condensation within a given assembly.

R-Value	Thickness		Width		Length		Coverage	
	mm	in.	mm	in.	mm	in.	sq. ft	sq. m
R-12 (2x4 Wood Stud)	89	3 1/2	381	15	1194	47	97.9	9.1 ^
			483	19	1194	47	124.0	11.5 ^
			584	23	1194	47	150.1	13.9 ^
R-12 (2x4 Steel Stud)	92	3 5/8	406	16	1219	48	106.7	9.9
			610	24	1219	48	160.0	14.9
R-14 (2x4 Wood Stud)	89	3 1/2	381	15	1194	47	78.3	7.3
			584	23	1194	47	120.1	11.2
R-20/19 <sup>§</sup> (2x6 Wood Stud)	152	6	381	15	1194	47	49.0	4.6
			483	19	1194	47	78.3	7.3 ^
			584	23	1194	47	99.2	9.2 ^
<small>*R-19 is for wood studs when insulation is compressed.</small>								
R-20 (2x6 Steel Stud)	152	6	406	16	1219	48	85.3	4.6
			610	24	1219	48	128.0	7.0
R-22 (2x6 Wood Stud)	140	5 1/2	381	15	1194	47	49.0	7.9
			584	23	1194	47	75.1	11.9
R-24 (2x6 Wood Frame)	140	5 1/2	375	14 3/4	1194	47	33.7	3.1
			578	22 3/4	1194	47	52.0	4.8
R-28	216	8 1/2	406	16	1219	48	53.3	5.0
			610	24	1219	48	80.0	7.4
R-31	241	9 1/2	406	16	1219	48	42.7	4.0
R-35	267	10 1/2	610	24	1219	48	64.0	5.9
			610	24	1219	48	56.0	5.2
R-40	279	11	610	24	1219	48	48.0	4.5

^Coverage based on SpaceSaver® packaging format

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For more info call 1-800-GET-PINK® or visit [www.owenscorning.ca](http://www.owenscorning.ca)



EcoTouch® Insulation by Owens Corning to be formaldehyde-free.

for indoor air quality and validated GREENGUARD Gold certified have come to rely on. And it's also thermal performance Canadians and provides the same outstanding contains 73% recycled content\* PINK® FIBERGLAS® Insulation Owens Corning™ EcoTouch®

Your Complete Product Guide



**ECOTOUCH® PINK® FIBERGLAS® INSULATION THERMAL BATTS**

THE BEST CHOICE FOR ATTICS, WALLS, CEILINGS & FLOORS.

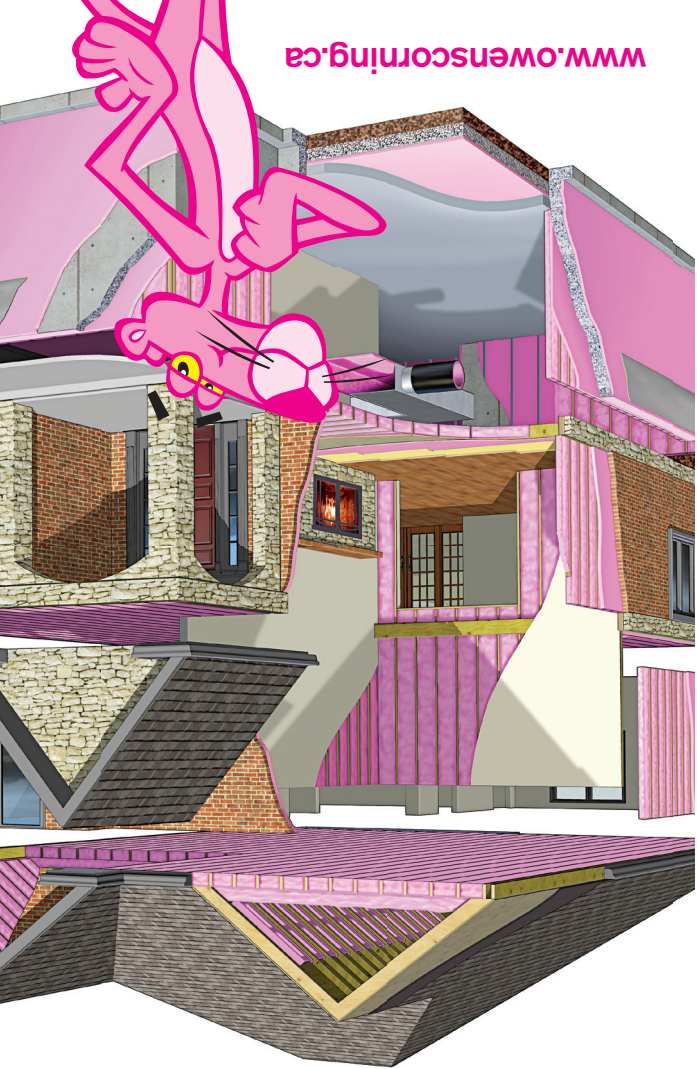
Owens Corning™ EcoTouch® PINK® FIBERGLAS® Insulation contains 73% recycled content\* and provides the same outstanding thermal performance Canadians have come to rely on. And it's also GREENGUARD Gold certified for indoor air quality and validated to be formaldehyde-free. EcoTouch® by Owens Corning. Just one more reason to think PINK®.

**BENEFITS:**

- ▶ Guaranteed thermal performance for the life of your home
- ▶ Save on your heating and cooling costs\*\*
- ▶ 3rd party SCS Certified
- ▶ Safe for your home – non-combustible
- ▶ Easy to install
- ▶ Canada's #1 insulation†



[www.owenscorning.ca](http://www.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](http://www.owenscorning.ca).

