

Quik-Therm Warm Floor is a high density rigid foam sub-floor Insulation designed and engineered for the top side of un-heated concrete floors.

Finished materials such as laminate and engineered flooring are easily installed directly on top of Quik-Therm Warm Floor without the need for adhesives and fasteners.

Quik-Therm Warm Floor provides superior comfort and saves energy dollars. It is less expensive than most sub floor products and faster and easier to install.

Quik-Therm Warm Floor does not produce ozone depleting off gasses. It may contain up to 15% recycled expanded polystyrene (EPS). Warm Floor improves lifestyles and comfort while preserving natural resources and the ecosystem.

- Supports heavy loads up to 4000 lbs/ft²
- Effective R-value R-3.5 per inch
- Mold and mildew resistant
- Excellent sound dampening characteristics
- Environmentally responsible
- Saves energy dollars

Features & Highlights

- FAST & EASY TO INSTALL- 4' x 4' by 7/16" (11 mm) thick (nominal) high density foam panels lay in place and are sealed together using a specially designed polymer reflective tape.
- WARMS UP CONCRETE FLOORS - Continuous insulation increases the comfort of concrete floors by up to 7 degrees.
- 4 in 1 CONCRETE FLOOR INSULATION - Radon, Vapour and Air Barrier and Continuous High Performance Insulation - ALL IN ONE.
- When perimeter is properly sealed, Warm Floor meets radon barrier requirements.
- Tested and approved as a code compliant air and vapour barrier.
- MOISTURE RESISTANT- Closed cell high density EPS foam panels are laminated on two sides with impermeable high tech polymer facers.
- MAINTAINS MAXIMUM CEILING HEIGHT - Less than 1/2" thick, plus the thickness of flooring.
- FLEXIBLE & DURABLE - Does not easily chip crack or break. Panels can be bent, twisted and walked on without damage.
- HEALTHY LIVING ENVIRONMENT - NO formaldehyde; moisture and mold resistant.

Technical Data

Property	Nominal Value	Test Method
Dimensional Stability Maximum Linear Change, %	1.5	ASTM D2126
Length Tolerance, mm (in)	±3.2 (±0.125)	—
Width Tolerance, mm (in)	±1.6 (±.063)	—
Nominal R-Value (per inch)	4.40	ASTM C518
Nominal Density, pcf (kg/m ³)	1.8 (29)	ASTM D1622
Compressive Strength, psi (kPa)	30 (207)	ASTM 1621-04
Water Vapour Transmission, perms	<1.0	ASTM E96

Meets CAN/ULC S701-05 / CCMC #14062-L



Installation Guidelines

The following instructions are designed for DIY. For best results, read and understand these instructions before beginning. A Warm Floor overview video can be viewed @ quiktherm.com.

Materials Supplied by Quik-Therm

- Warm Floor Insulation Panels
- Approved Tape for Sealing Joints

Tools Required

- Measuring Tape
- Utility Knife & Blades

Quik-Therm Insulation Solutions Inc.

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www.quiktherm.com

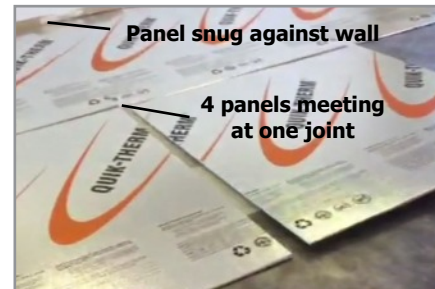
Instructions:

Step 1: Prepare Floor Area

- Warm Floor is designed for the top side of dry floors. If floor is damp, wet or shows signs of condensation, repair before installing Warm Floor.
- Sweep/clean floor area to remove all dust and debris.
- Repair floor as required to provide a relatively smooth, level surface for Warm Floor to be installed over.

Step 2: Install Full Panels

- Starting at a corner, lay out as many full size Warm Floor panels as possible.
- Ensure panels are snug against each other, as well as the perimeter walls.
- Align panels whenever possible to allow easier taping in step 4.



Step 3: Cut and Fit Remaining Panels

- Using a utility knife, cut and fit remaining panels along walls, in doorways, under heaters, etc.
- Ensure panels are snug against each other, as well as the perimeter walls.



Step 4: Tape Panel Seams

- Tape all seams between panels using Quik-Therm approved seam tape.



Step 5: Seal Along Perimeter Walls

- Seal along perimeter walls using a foam compatible sealant as per local building codes.

Important NOTES:

1. For Quik-Therm Warm Floor to meet code compliancy as a radon barrier, the perimeter edges must be sealed with a compatible foam adhesive such as PL 300.
2. A properly taped and perimeter sealed system is mandatory if Quik-Therm Warm Floor is to perform as a code compliant air and vapour barrier.
3. For finished materials such as carpet, hardwood flooring (2.5" or narrower), vinyl and ceramic tiles, a rigid wood underlay is recommended between Warm Floor and finished flooring material.