

HD PANELS™

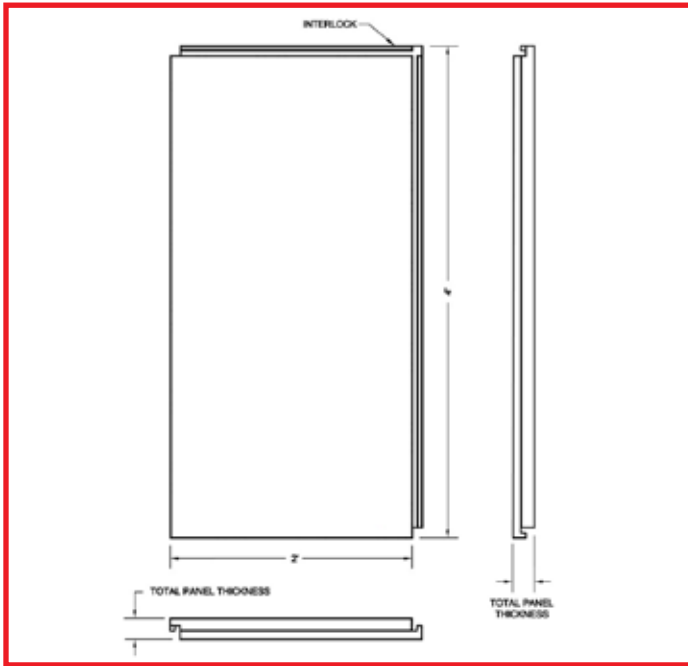
High Density Rigid Insulation

- Compact (2' x 4'), easy to handle panels.
- Four-sided interlock system makes for quick, easy and secure installation.
- Finger lock design eliminates the need to tape the joints, making for a fast installation every time.
- Available in a wide range of compressive strengths to meet the demands of any project.
- Suitable for installation on horizontal and vertical surfaces.

TECHNICAL INFORMATION

Specifications

HD Panels are made with expanded polystyrene (EPS) — a tough, high-density, closed cell foam insulation engineered to a minimum compression strength of 30 psi to support the weight of cast-in-place concrete. HD Panels are also available in 60 and 100 psi. HD Panels are 2 ½" thick (R-10)*.



Applications

HD Panels can be used in all concrete slab applications, including:

- Basement Slab Applications
- Slab-On-Grade Applications
- Sandwich Slab Applications
- Radiant Heat & Snow-Melt Applications

HD Panels are also suitable for vertical installations.

Estimating

1. Measure the length and width to determine the size of the area where you want to install HD.
2. The panels are 8 sq. ft. each. Divide the area by 8 to get the number of panels required.
3. See Sizes & Packaging Chart for bundle quantities. When ordering, please round up to the nearest

Installation Steps

Laying HD Panels on a Horizontal Surface

1. Ensure the ground is reasonably level before beginning installation.
2. Remove the interlock from two sides of the starting panel to avoid an air gap. It's easiest to remove the interlock you can see when looking at the back of the panel. Starting in a corner, place the cut edges tight against the wall.
3. For the next panel, cut the interlock on the 4' length only. Place the trimmed panels so they interlock along the 2' dimension.
4. Continue placing panels until you come to a wall. You will likely need to cut the final panel in this row to fit.
5. Use the leftover segments to start the next row. The idea is to have a staggered (running bond) layout rather than rows or columns. This helps keep the panels bound together and reduces waste.

Installation On Vertical Surfaces

Securely fasten using appropriate methods such as adhesive or mechanical fasteners.

Vapor and Air Barrier Requirements

Meets vapor and air barrier requirements per the National Building Code of Canada and the International Residential Code. With the interlock, sealed joints are not required for HD Panels to serve as the vapor retarder.

If HD Panels are intended to act as the air barrier, it is essential to seal the joints using a liquid-applied sealant or tape.

Size & Packaging Chart

Product Description	Total Panel Thickness*	R-Value	Compressive Strength (PSI)	Panels/Bundle ⁴	Sq.Ft./Bundle
HD-300	2" (5.08 cm)	8	30	10	80
	2 ½" (6.35 cm)	10	30	8	64
HD-600	2" (5.08 cm)	8	60	10	80
	2 ½" (6.35 cm)	10	60	8	64
HD-1000	2" (5.08 cm)	8	100	10	80
	2 ½" (6.35 cm)	10	100	8	64

*3"(R-12) is also available on a custom order basis.

CCMC EVALUATION LISTING 14007-L

© Copyright Logix Brands Ltd. 2025 All rights reserved.

No part of the work contained herein as covered by this copyright may be reproduced or used in any form, or any means – graphic, electronic or mechanical, including without limitation photocopying. By using these products, you agree to assume all risks associated therewith. See LogixBrands.com/Disclaimer-General for a full copy of disclaimer.

LogixBrands.com/HD Panels

FOR MORE INFORMATION:

Email us at info@logixbrands.com or Call your local manufacturer below.



FORM SOLUTIONS

840 Division St. Cobourg, ON Canada K9A 5V2

888.706.7709

FormSolutions.ca



REV. 04222025