RIGID INSULATION

NEW CONSTRUCTION OR RENOVATION

ISOLOFOAM

HIGH-QUALITY **PRODUCTS**

- Designed and manufactured in Canada.
- Tested and proven.
- Lightweight and easy to install.

FOR NEW CONSTRUCTION OR RENOVATION

- Meet building code standards and the highest insulation requirements.

ENVIRONMENTALLY FRIENDLY

- Free of ozone-depleting HFCs.
- Contain recycled materials.
- 100% recyclable and reusable.
- Greenguard and Greenguard Gold certified products.

PERFECT FOR SUSTAINABLE CONSTRUCTION

- Contribute to LEED credits.
- Meet the requirements of high energy efficiency construction programs such as: ENERGY STAR | Passive House.

COMFORT, SAVINGS, AND ENERGY EFFICIENCY GUARANTEED

MADE IN CANADA

A COMPLETE LINE OF EFFICIENT INSULATION PRODUCTS

ABOVE GROUND WALL INSULATION

EXTERIOR

ISOCLAD

AIR BARRIER/NON VAPOUR BARRIER INSULATION PANEL WITH A LAMINATED MEMBRANE

ABOVE GROUND WALL INSULATION

EXTERIOR

ISOBRACE OSB

EXPANDED POLYSTYRENE INSULATION PANEL LAMINATED TO A 7/16" ORIENTED STRAND BOARD (OSB)

ABOVE GROUND WALL INSULATION

EXTERIOR

ISOSHIELD PREMIUM NVB

GRAPHITE-ENHANCED POLYSTYRENE INSULATION FACED ON BOTH SIDES WITH A PERFORATED METALIZED FILM

FOUNDATION WALL INSULATION

INTERIOR

ISOFOIL

RIGID INSULATION PANEL WITH A LAMINATED REFLECTIVE VAPOUR BARRIER MEMBRANE

UNDER SLAB INSULATION

iFLEXFOAM

INSULATION PANEL WITH A LAMINATED MEMBRANE ON EACH SIDE AND THE ISOCLICK CLIPPING SYSTEM

HYDRONIC RADIANT FLOOR INSULATION

ISORAD V2

INSULATION PANEL WITH A MULTIDIRECTIONAL TUBING RETAINING DESIGN AND THE ISOCLICK ALIGN CLIPPING SYSTEM

VERSATILE INSULATION

ISOLOFOAM

HD 160 | XHD 200 | 300

RIGID HIGH-DENSITY INSULATION
SLAB | FOUNDATION | WALL | FLOOR | CEILING

COMFORT
SAVINGS
ENERGY EFFICIENCY

YOUR
PROJECT

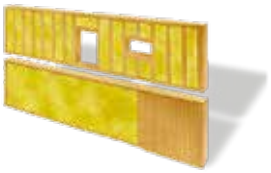
RESIDENTIAL CONSTRUCTION
INSULATION REQUIREMENTS
PROVINCE OF ONTARIO

MEET THE 2017 ONTARIO BUILDING CODE

- Various compliance packages
- Requirement for continuous insulation to eliminate thermal bridging
- Airtightness option

Thermal bridge

Regulations require that building components creating a thermal bridge are covered with an insulating material. The insulating material must cover the thermal bridge from the exterior, the interior or a combination of both.



Airtightness

Meeting the performance targets can reduce the insulation requirements in a chosen compliance package.

GET STARTED

New constructions are built according to a chosen compliance package. The compliance package is often chosen by your professional.

First, you may identify whether the construction will be in zone 1 or 2.

Second, you may choose your compliance package.

Compliance packages are classified in 3 tables divided according to furnace efficiency or electric heating:

- **Table A →** AFUE ≥ 92% efficient (including solid fuel and earth energy systems)
- **Table B →** 84% ≤ AFUE < 92% efficient (mid-efficient oil furnaces and boilers)
- **Table C →** Electrically heated homes

To know more about these compliance packages and airtightness targets details, refer to the 2017 Ontario Building Code or visit our website.

RENOVATION

Reduce air infiltration, cold zones, and your energy bill!

Inadequate insulation and poor airtightness can be the cause of cold floors and walls, condensation at the bottom of walls, and air currents.

Get comfort by improving the insulation and airtightness of the walls or the basement of your home.

For help bringing your project to life

Stay informed!

Financial assistance and tax credit may be available; check with your municipality for details.

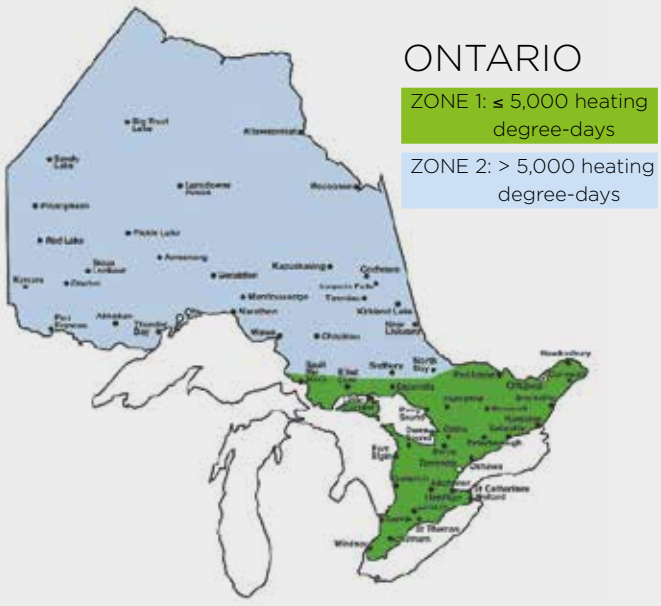
Canada Greener Homes Grant

Start your energy-efficient retrofits and benefit from the federal government program that offers grants for energy-efficient home upgrades.

Home insulation: up to $5,000
Air sealing: up to $1,000

Get started today with Isolofoam insulation products!

Visit isolofoam.com/grants for more details on available incentives.



ISOCLAD

ABOVE GROUND
EXTERIOR WALL INSULATION

AIR BARRIER/NON VAPOUR BARRIER INSULATION PANEL WITH A LAMINATED MEMBRANE

- Reduces the risk of mold: structure can breathe, allowing humidity contained in the walls to evaporate.
- Eliminates thermal bridges: creates a continuous insulating air barrier/weather barrier envelope.
- Reduces air infiltration and heat loss: contributes to maximizing wall insulation efficiency.
- Helps reaching airtightness targets. No other membrane needed. Easy to seal.
- Fast and easy to install thanks to its integrated membrane, especially with scaffolding.
- Installs on exterior building walls, maximizing living space.
- Can be installed on various types of structures and exterior sheathing.
- Shiplapped on 4 sides for better air and water tightness.
- 48" x 108": ideal size to insulate joists.
- A tried-and-tested product since 1998.

CCMC #12981-R: Air barrier material
CAN/ULC-S741: Standard for Air Barrier Materials - Specification
CAN/ULC-S742: Standard for Air Barrier Assemblies - Specification

To ensure airtightness of the assembly, refer to the installation guide.

AVAILABLE DIMENSIONS

DIMENSIONS	THICKNESSES	R-VALUE
48" x 96" or 48" x 108"  Shiplapped 4 sides	3/4"	3
	1"	4.05
	1 1/4"	5.05
	1 1/2"	6.05
	2"	8.1
	2 1/4"	9.1
	2 1/2"	10.1

Also available: 48" x 120", other thicknesses; butt edge or shiplapped on 2 sides.

TYPICAL ASSEMBLY

Gypsum 1/2"
Vapour barrier/air barrier
Batt insulation R14, R19, R22 or R24
ISOCLAD R5.05, R8.1 or R10.1
Vinyl sheathing (non insulated)

Gypsum 1/2"
Vapour barrier/air barrier
Batt insulation R14, R19, R22 or R24
OSB 7/16"
ISOCLAD R5.05, R8.1 or R10.1
Vinyl sheathing (non insulated)

Other assemblies possible. Illustrations for information purposes only.

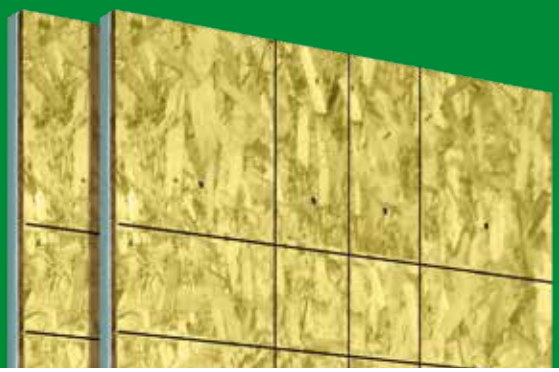
INSTALLATION TIPS[1]

- Install insulation on the wood studs, printed side facing the exterior.
- Temporarily attach with nails or screws and supporting washers.
- Seal all joints with an air barrier sealing tape.
- Seal all changes in surface with a sealant (openings, electrical outputs, etc.) and prepare window openings to ensure air and water tightness.
- Install 1" x 3" wood furring either vertically or diagonally (optional).
- Install exterior cladding.

Details and installation videos available on our website.

ISO**BRACE** OSB

ABOVE GROUND
EXTERIOR WALL INSULATION



EXPANDED POLYSTYRENE INSULATION PANEL LAMINATED TO A 7/16" ORIENTED STRAND BOARD (OSB)

- Provides continuous insulation: eliminates thermal bridges.
- Contributes to the structural strength of the building wall.
- Can eliminate the need to add temporary bracing.
- Perforated OSB panel at regular intervals maximize water vapour permeability.
- Fast and easy installation.
- Installs on exterior building walls. Maximizes living space.
- Can be installed on various types of structures and exterior sheathing.
- The 4'x 9' size makes thermal bridging insulation between joists easy.

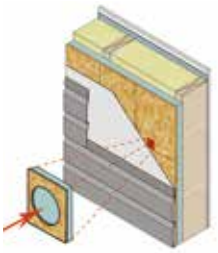
EPS insulation: CCMC #12895-L: EPS Type 2
OSB: CSA-0325 – W24, Exposure 1

AVAILABLE DIMENSIONS

DIMENSIONS	THICKNESSES	R-VALUE
48" x 108"  Butt edge	1 5/16"	4.15
	1 9/16"	5.15
	1 13/16"	6.18
	2 3/16"	7.65

Also available: 48" x 96", other thicknesses.

TYPICAL ASSEMBLY



Gypsum 1/2"
Vapour barrier/air barrier
Batt insulation R14, R19, R22 or R24
ISOBRACE OSB R5.15 or R7.65
Weather barrier/air barrier membrane
Vinyl siding (non insulated)

Other assemblies possible. Illustrations for information purposes only.

INSTALLATION TIPS[1]

- Install insulation on the wood studs, OSB side facing the exterior.
- Attach panels with appropriate nails (twisted or ring nails).
  - Not more than 6" o/c along edge supports.
  - Not more than 12" o/c along intermediate supports.
- Install the air/weather barrier membrane.
- Seal all changes in surface with a sealant (openings, electrical outputs, etc.) and prepare window openings to ensure air and water tightness.
- Install 1" x 3" wood furring either vertically or diagonally (optional).
- Install exterior cladding.

Details and installation videos available on our website.

ISOSHIELD PREMIUM NVB

ABOVE GROUND EXTERIOR WALL INSULATION

GRAPHITE-ENHANCED POLYSTYRENE INSULATION FACED WITH A PERFORMATED METALIZED FILM ON BOTH SIDES

- Faced with a non-reflective coated metalized film on the front and a reflective one on the back.
- Provides continuous insulation. Minimizes energy loss due to thermal bridges.
- Can be used as weather barrier.
- Can act as a second plane of protection when the joints are taped and sealed (OBC 9.27.3).
- Non vapour barrier. Both sides perforated to ensure water vapour permeance to reduce the risk of trapped moisture. No need to calculate dew point.
- Thanks to its laminated films on both sides, ISOSHIELD PREMIUM NVB is durable and flexible, makes installation on radius walls easier, and reduces site damage and waste.
- Lightweight product: handling and installation time are minimized.
- Cost-competitive sheathing insulation panel, easy to install and seal.

Made of NEOPOR® Plus by BASF-SE, an expanded polystyrene with graphite particles. Offers a greater insulation value for a thickness equivalent to a traditional expanded polystyrene product.

CCMC #12894-L: EPS Type 1

AVAILABLE DIMENSIONS

DIMENSIONS	THICKNESSES	R-VALUE
48″ x 96″	1 1/16″	5
	1 5/8″	7.64
Butt edge	2 1/8″	10

Standard product: 10 psi (70 kPa).

Also available: 48″ x 108″ or 48″ x 120″, non-perforated films, other thicknesses.

TYPICAL ASSEMBLY

Gypsum 1/2″
Vapour barrier/air barrier
Batt insulation R14, R19, R22 or R24
OSB 7/16″
ISOSHIELD PREMIUM NVB
R5, R7.64 or R10
Vinyl sheathing (non insulated)

Other assemblies possible. Illustrations for information purposes only.

INSTALLATION TIPS[1]

ISOSHIELD PREMIUM NVB used as a weather barrier:

- Install insulation on the OSB panel, printed side facing the exterior.
- Attach with nails or screws and supporting washers.
- Seal all joints with an air barrier sealing tape (optional).
- Seal all changes in surface with a sealant (openings, electrical outputs, etc.) and prepare window openings to ensure water tightness (optional).
- Install 1″ x 3″ wood furring either vertically or diagonally (optional).
- Install exterior cladding.

Can act as a second plane of protection when the joints are taped and sealed (OBC 9.27.3).

Details and installation videos available on our website.

ISOFOIL

INTERIOR FOUNDATION WALL INSULATION

RIGID INSULATION PANEL WITH A LAMINATED REFLECTIVE VAPOUR BARRIER MEMBRANE

- Ensures continuous insulation and eliminates thermal bridges: improves comfort in the basement and reduces energy loss.
- Vapour barrier product: prevents humidity inside the building from contacting the cold concrete.
- Blends with imperfections in the concrete. Reduces the risk of condensation, mold and wall deterioration.
- Fast and easy to install thanks to its integrated membrane.
- Reflective membrane for better comfort. Rigid easy-to-seal vapour barrier.

CCMC #13459-R: Effective thermal resistance of specific assemblies, including the reflective effect contribution in the R-value.

OBC 2017: Achieve the airtightness performance targets and reduce your construction cost.

If airtightness is achieved, ISOFOIL 3" could be used as a possible substitution for basement wall insulation (reduction to R15-continuous insulation). Save time and money with only one product to install.

Meeting the airtightness performance targets can reduce the requirements in a chosen package, including insulation. Ask your professional.

AVAILABLE DIMENSIONS

DIMENSIONS	THICKNESSES	R-VALUE
48" x 96" or 48" x 100"  Shiplapped on 2 sides	2"	11*
	3"	15.5*

* Thermal resistance in a wall system, according to installation recommendations.

See the CCMC report for more details about the different wall assemblies certified and recognized by the Ministry of Municipal Affairs and Housing of Ontario.

TYPICAL ASSEMBLY

NEW CONSTRUCTION
Concrete wall 8"
ISOFOIL 3"
Wood furring 1" x 3" (at 24" o/c)
Gypsum 1/2"

Total: min. R_{eff} = 18.06*

* See the CCMC report for more details about the different wall assemblies certified and recognized by the Ministry of Municipal Affairs and Housing of Ontario.

RENOVATION
Concrete wall 8"
ISOFOIL 2"
Wood furring 1" x 3" (at 24" o/c)
Gypsum 1/2"

Total: min. R_{eff} = 13.22**

** See the other tested assemblies available on our website.

Other assemblies possible. Illustrations for information purposes only.

INSTALLATION TIPS[1]

- Choose only from assemblies that meet requirements.
  - RENOVATION: Make sure to take care of cracks or infiltration issues before starting work.
- Install insulation vertically on the wall, reflective side facing the interior of the basement.
- Seal all joints with a reflective vapour barrier tape.
- Seal the joints where openings, floors and ceilings meet using a sealant (acoustic sealant, etc.) to not leave an air space between concrete wall and insulation.
- Depending on the chosen assembly, position the 1" x 3" furring at 16" or at 24" o/c or install the structure in front.
  - Ensure that the air spaces created by the furring or the structure are closed at the top, at the bottom and around openings to avoid air leaks.
- Mechanically attach insulation using concrete nails if required.
  - Nails must go about 1" into the concrete.
- Leave a space of about 1/4" to 1/2" between the concrete floor and the furring.
- Cover with a thermal barrier (gypsum).

Details and installation videos available on our website.

iFLEXFOAM

UNDER SLAB INSULATION

FLEXIBLE AND RESISTANT INSULATION PANEL WITH A LAMINATED MEMBRANE ON EACH SIDE

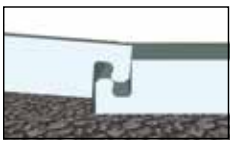
- Ensure continuous and uniform insulation with the unique ISOCLICK 4-sided clipping system:
  - Once installed, panels are clipped together and remain in place during installation.
  - Panels are easily repositionable.
- Less breakage on the job site:
  - Laminated on 2 sides for greater resistance and flexibility.
  - No need to make a path for the wheelbarrow when pouring concrete.
- Fast and easy to install, guaranteeing you'll save time.
- High resistance to freezing, thawing, water and humidity.
- Excellent compressive strength: 16 psi (110 kPa), 30 psi (210 kPa).
- Perfect for insulating under the slab of a basement or under a light residential or commercial garage, regular or heated slab.

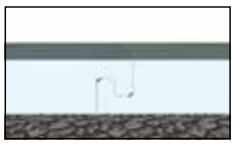
CCMC #12895-L: EPS Type 2
CCMC #13638-L: EPS Type 3

TYPICAL ASSEMBLY

Concrete slab 5 1/2"
Vapour barrier
iFLEXFOAM R5, R7.5 or R10
Compacted granular base

Illustrations for information purposes only.





PATENTED PRODUCT

AVAILABLE DIMENSIONS

DIMENSIONS	iFLEXFOAM	THICKNESSES	R-VALUE
48" x 96"  ISOCLICK 4 sides	**160**	1 1/4"	5.05
		1 7/8"	7.55
		2 1/2"	10.1
	300	1.2"	5.1
		1.8"	7.65
		2.4"	10.2

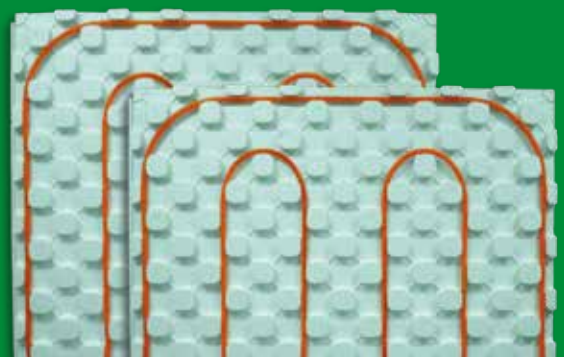
INSTALLATION TIPS[1]

- Soil preparation: leveled and crushed granular base.
- Install insulating panels on the entire surface to be insulated.
  - Position the starting arrow at the corner of the wall to ensure efficient panel alignment.
- Install a vapour barrier polythene on the entire surface (if specified in your current regional building code) to ensure air, humidity and soil gas (radon) tightness.
- Install a wire mesh if required to reinforce the slab.
- Pour the concrete slab.

Details and installation videos available on our website.

ISORAD V2

UNDER SLAB INSULATION
HYDRONIC RADIANT FLOOR HEATING



INSULATION PANEL WITH A MULTIDIRECTIONAL TUBE RETAINING DESIGN AND THE ISOCLICK ALIGN CLIPPING SYSTEM

- Insulation under the concrete slab.
- For hot water or glycol radiant floor systems.
- Ensures a continuous and uniform insulation:
  - Panels stay aligned and in place with the ISOCLICK ALIGN 4-sided clipping system.
  - Prevents heat loss through the soil. Provides permanent energy savings.
- Multidirectional system for 1/2" and 5/8" tubing.
  - Avoids the necessity of installing wire mesh when not required for reinforcing the slab.
  - Less physically demanding and easy to install by 1 person.
- Excellent compressive strength: 16 psi (110 kPa), 25 psi (173 kPa).
- High resistance to freezing, thawing, water and humidity.
- Easier and faster overall installation compared to a traditional installation.
- Reduces the installation costs for a hydronic radiant floor system.

CCMC #12895-L: EPS Type 2
CCMC #13638-L: EPS Type 3

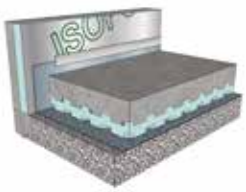
Also available in R3 version for renovation or upper storey floor.

AVAILABLE DIMENSIONS

DIMENSIONS	THICKNESSES	R-VALUE	
		160	**250**
48" x 48"  ISOCLICK ALIGN 4 sides	2 1/2" (overall: 3 1/2")	10.1	10.5
	3 3/4" (overall: 4 3/4")	15.1	15.7

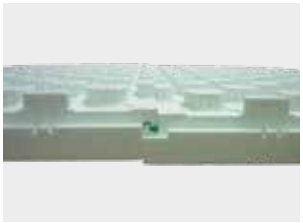
For 1/2" tube (Ø int. 1/2", Ø ext. 5/8") or 5/8" tube (Ø int. 5/8", Ø ext. 3/4"). Also available: 24" x 48", other density [30 psi (210 kPa)].

TYPICAL ASSEMBLY



Concrete slab 5 1/2"
Tubing
ISORAD V2 R10 or R15
Vapour barrier
Compacted granular base

Illustrations for information purposes only.



REGISTERED INDUSTRIAL DESIGN

INSTALLATION TIPS[1]

- Soil preparation: leveled and crushed granular base.
- Install a vapour barrier polythene on the entire surface (if specified in your current regional building code) to ensure air, humidity and soil gas (radon) tightness.
- Install insulating panels on the entire surface to be insulated.
  - Position the starting arrow at the corner of the wall to ensure efficient panel alignment.
  - To start a new row by using the excess of a panel and ensure that notches are aligned, use the cutting lines on the back of the panel.
- Install the tubing by "walking" it in according to your design layout.
  - If needed, use tubing clips to fasten the tubes to the panel in tighter bends and with the heating system connection.
- Install a wire mesh if required to reinforce the slab.
- Pour the concrete slab.

Details and installation videos available on our website.

ISOLOFOAM
HD 160 | XHD 200 | 300

VERSATILE INSULATION

SLAB | FOUNDATION | WALL | FLOOR | CEILING

HIGH-DENSITY RIGID INSULATION

- Stable and permanent R-value: improves comfort and reduces energy loss.
- Versatile product suitable for several applications:
  - Non vapour barrier; can be installed on the exterior of walls.
  - Commonly used in applications under the level of the grade.
  - Can be used for residential garages.
- High resistance to freezing, thawing, water and humidity.
- Excellent compressive strength: 16 psi (110 kPa), 20 psi (140 kPa), 30 psi (210 kPa).
- Lightweight and available in a wide range of sizes and thicknesses.
- Fast and easy to install.
- Economical and efficient solution.

CCMC #12895-L: EPS Type 2
CCMC #13638-L: EPS Type 3

AVAILABLE DIMENSIONS

DIMENSIONS	THICKNESSES	R-VALUE
		HD 160
24" x 96" or 48" x 96"  Shiplapped 2 or 4 sides	1 1/4"	5.05
	1 7/8"	7.55
	2 1/2"	10.1

Also available: other thicknesses; butt edge.

DIMENSIONS	THICKNESSES	R-VALUE	
		XHD 200	**XHD 300**
24" x 96" or 48" x 96"  Shiplapped 2 or 4 sides	1"	4.2	4.25
	1.2"	5	5.1
	1.8"	7.55	7.65
	2.4"	10	10.2

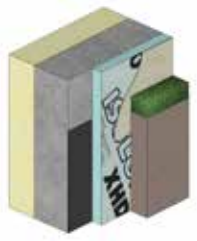
Also available: other thicknesses, butt edge.

* ISOLOFOAM XHD 200 also offered in: 1" x 48" x 108", shiplapped 2 sides

TYPICAL ASSEMBLY

ABOVE GROUND WALLS | EXTERIOR
Gypsum 1/2"
Vapour barrier/air barrier
Batt insulation
ISOLOFOAM HD 160 or **XHD**
Vinyl sheathing (non insulated)

ABOVE GROUND WALLS | INTERIOR
Vinyl sheathing (non insulated)
Air barrier membrane (optional)
OSB 7/16"
Batt insulation
ISOLOFOAM HD 160 or **XHD**
Vapour barrier/air barrier
Gypsum 1/2"



FOUNDATION | EXTERIOR AND INTERIOR
Basement blanket R12 or R20
Concrete wall 8"
Waterproofing
ISOLOFOAM HD 160 or **XHD** R5, R8, R10 or R12
Parging (above ground portion)
Fill

UNDER SLAB
Concrete slab 5 1/2"
Vapour barrier
ISOLOFOAM HD 160 or **XHD** R5, R7.5 or R10
Compacted granular base

Other assemblies possible. Illustrations for information purposes only.

Installation tips on the following pages >

ISOLOFOAM
HD 160 | XHD 200 | 300
VERSATILE INSULATION
SLAB | FOUNDATION | WALL | FLOOR | CEILING

INSTALLATION TIPS[1]

ABOVE GROUND WALL INSULATION | EXTERIOR
- Install insulation on the wood studs.
- Temporarily attach with nails or screws and supporting washers.
- Add an air/wheater barrier if required. Seal all membrane joints with an air barrier sealing tape/membrane.
- Seal all changes in surface with a sealant (openings, electrical outputs, etc.) and prepare window openings to ensure air and water tightness.
- Install 1" x 3" wood furring (optional).
- Install exterior cladding.

ABOVE GROUND WALL INSULATION | INTERIOR
- Install insulation on the wood studs.
- Temporarily attach with nails or screws and supporting washers.
- Add a vapour barrier membrane.
- Seal all joints with a vapour barrier sealing tape.
- Seal all changes in surface with a sealant (openings, electrical outputs, etc.) and prepare window openings to ensure air and water tightness.
- Install 1" x 3" wood furring (optional).
- Install thermal barrier (ex.: gypsum).

FOUNDATION INSULATION | INTERIOR AND EXTERIOR
- Install basement blanket inside.
- Outside, ensure the French drain around the home is operational.
- Install a waterproofing product on the concrete wall.
- Install the insulation panels vertically on the entire height of the foundation.
- Fill in the soil.
- Cover the above ground part of the panels with acrylic coating or parging to protect from UV.

UNDER SLAB INSULATION | NEW CONSTRUCTION
- Soil preparation: leveled and crushed granular base.
- Install insulation panels on the entire surface to be insulated.
- Install a vapour barrier polythene on the entire surface (if specified in your current regional building code) to ensure air, humidity and soil gas (radon) tightness.
- Install a wire mesh if required to reinforce the slab.
- Pour the concrete slab.

OVER SLAB INSULATION | RENOVATION
- Existing concrete slab.
  - Make sure to take care of cracks or infiltration issues before starting to work.
- Install a vapour barrier polythene on the entire surface to ensure air, humidity and soil gas (radon) tightness (this step can be skipped if there is already an existing vapour barrier under the slab).
- Install 2" x 3" flat wood studs spaced apart 12" with a sill plate gasket under them.
- Install a section of R5 insulation panel between each stud.
- Install plywood or OSB.
- Install floor covering.

Visit **isolofoam.com/documentation** for all construction details for these applications.

Details and installation videos available on our website.

ISOLOFOAM
HD 160 | XHD 200 | 300

VERSATILE INSULATION

SLAB | FOUNDATION | WALL | FLOOR | CEILING

SUITABLE FOR THE MOST EXTREME USES

LOAD CALCULATION RESIDENTIAL GARAGE

FULLY loaded F-350 pickup
(total load of 9,000 kg, plus safety factor of 1.5)

ISOLOFOAM HD 160 (16 psi/110 kPa)

Exceeds compressive strength requirements*

+ 70%

ISOLOFOAM XHD 200 (20 psi/140 kPa)

Exceeds compressive strength requirements*

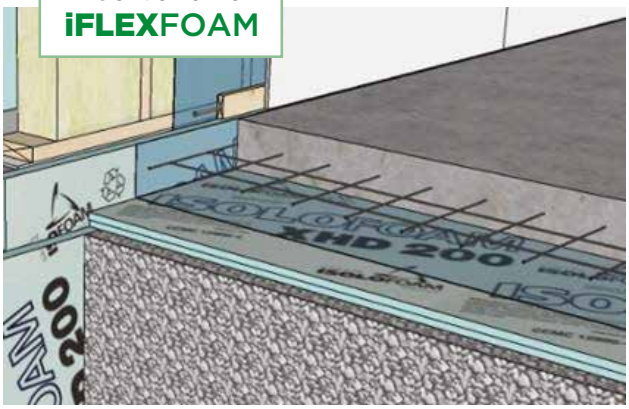
+ 90%

ISOLOFOAM XHD 300 (30 psi/210 kPa)

Exceeds compressive strength requirements*

+ 110%

Also valid for
iFLEXFOAM



Note: It is recommended that each project is reviewed by a structural engineer to confirm the required resistance.

* PROJECT'S SLAB FEATURES

- 5 1/2" 20 MPa concrete slab.
- Slab reinforcement: 6" x 6" 6/6 wire mesh.
- Vapour barrier membrane.
- ISOLOFOAM HD 160 or XHD insulation panels.
- Compacted granular base.

When in doubt about a particular application, an engineer should be asked to make the calculations to confirm the required load resistance.

VARIOUS SECTORS OF ACTIVITY

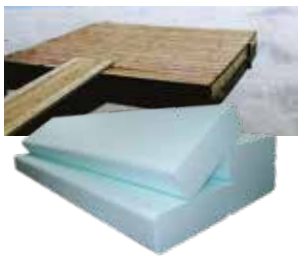
WALL AND PREFAB HOME COMPONENTS

INSULATED CONCRETE FORMS

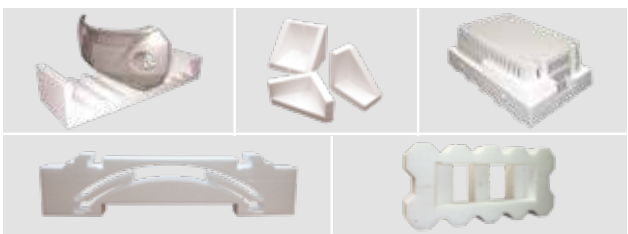
ROADS

LIGHTWEIGHT FILL

SMALL JOBS



FLOATING DOCKS



PACKAGING SOLUTIONS AND CUSTOM COMPONENTS

ISOFLOT

BUOYANCY BILLETS FOR DOCKS AND FLOATING STRUCTURES

PERFECT FOR BUILDING FLOATING STRUCTURES SUCH AS FLOATING DOCKS, RAFTS, FLOATING BOAT SHELTERS, PONTOONS AND SLIPWAYS

- Efficient buoyancy.
  - Offers a buoyancy of 55 lb./cu. ft.
  - Offered in lengths of 8' for stable buoyancy.
  - Floating structures built with ISOFLOT are adaptable to most shorelines.
- Excellent resistance.
  - Small percentage of water absorption (less than 2%).
  - Even when damaged, buoyancy is not affected.
  - Can be used in fresh or salt water.
- Durable and safe for the environment.
- Economical solution.

It is recommended to remove the structures from the water during winter or frost periods.

PHYSICAL PROPERTIES

DIMENSIONS	VOLUME (ft^3)	APPROX. WEIGHT	BUOYANCY
7" x 20" x 96"	7.77	12 lb.	425 lb.
10" x 20" x 96"	11.11	17 lb.	610 lb.

Details and installation videos available on our website.

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[1] **LEGAL NOTICE** The assemblies and installation tips contained in this document are presented in good faith based on sources beleived to be reliable. Since building codes, government regulations and conditions of use can change not only from one place to another but also over time, it is the customer's responsibility to determine if the product is suitable for the intented use and whether the workplace and practices comply with laws and applicable legislation.

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EXPERTS AT FINDING SOLUTIONS

Isolofoam Group is renowned for its innovative and responsible thermal insulation solutions. The company has been investing in expanded polystyrene product research and development for more than 40 years.

Its insulation solutions are tested and proven and meet the highest insulation requirements in the industry.

Isolofoam Group is proud to offer construction and renovation specialists, dealers and consumers a complete line of products that stands out in the market.

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