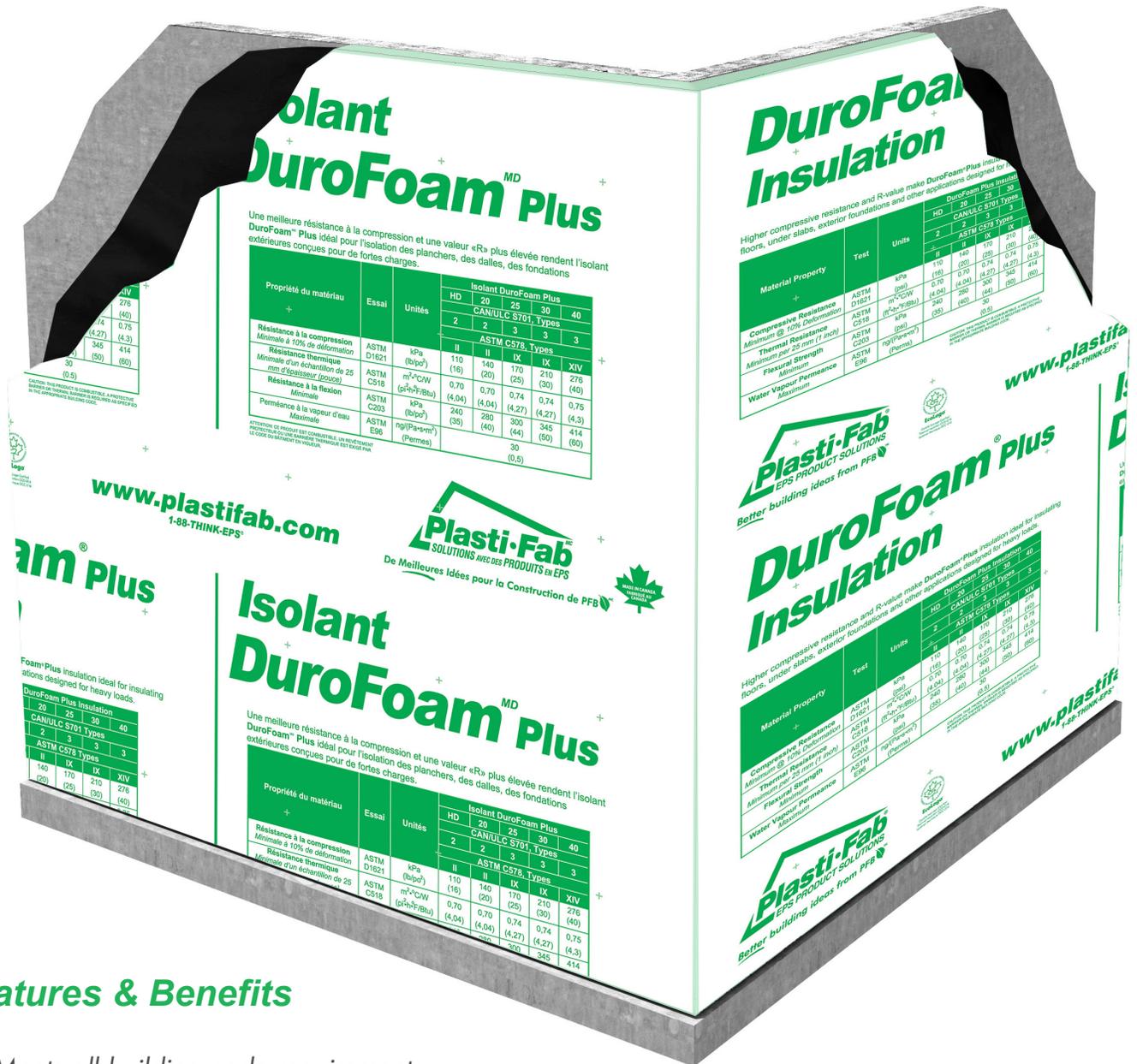


DuroFoam® Plus Insulation

INSULATING EXTERIOR BASEMENT WALLS



See step-by-step instructions on reverse.



Isolant DuroFoam Plus

Une meilleure résistance à la compression et une valeur «R» plus élevée rendent l'isolant DuroFoam® Plus idéal pour l'isolation des planchers, des dalles, des fondations extérieures conçues pour de fortes charges.

Propriété du matériau	Essai	Unités	Isolant DuroFoam Plus				
			HD	20	25	30	40
Résistance à la compression Minimale à 10% de déformation	ASTM D1621	kPa (lb/pc ²)	CAN/ULC S701, Types				
			2	2	3	3	40
Résistance thermique Minimale d'un échantillon de 25 mm d'épaisseur (poutre)	ASTM C518	m ² ·°C/W (ft ² ·h·°F/Btu)	ASTM C578, Types				
			II	II	IX	IX	XIV
Résistance à la flexion Minimale	ASTM C203	kPa (lb/pc ²)	110	140	170	210	276
			(16)	(20)	(25)	(30)	(40)
Perméance à la vapeur d'eau Maximale	ASTM E96	ng/(Pa·m·s) (Perme)	0.70	0.70	0.74	0.74	0.75
			(4.04)	(4.04)	(4.27)	(4.27)	(4.3)
			280	300	345	414	
			(40)	(44)	(50)	(60)	
			30				
			(0.5)				

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DuroFoam Plus Insulation

Higher compressive resistance and R-value make DuroFoam Plus insulation ideal for insulating floors, under slabs, exterior foundations and other applications designed for heavy loads.

Material Property	Test	Units	DuroFoam Plus Insulation				
			HD	20	25	30	40
Compressive Resistance Minimum @ 10% Deformation	ASTM D1621	kPa (lb/pc ²)	CAN/ULC S701, Types				
			2	2	3	3	40
Thermal Resistance Minimum per 25 mm (1 inch)	ASTM C518	m ² ·°C/W (ft ² ·h·°F/Btu)	ASTM C578, Types				
			II	II	IX	IX	XIV
Flexural Strength Minimum	ASTM C203	kPa (lb/pc ²)	110	140	170	210	276
			(16)	(20)	(25)	(30)	(40)
Water Vapour Permeance Maximum	ASTM E96	ng/(Pa·m·s) (Perme)	0.70	0.70	0.74	0.74	0.75
			(4.04)	(4.04)	(4.27)	(4.27)	(4.3)
			280	300	345	414	
			(40)	(44)	(50)	(60)	
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			(0.5)				



Features & Benefits

- Meets all building code requirements
- Meets CAN/ULC-S701, Type II
- Long term RSI 0.70/25 mm (R-value 4.04/inch)
- Compressive Resistance: 16 psi
- Closed cell insulation resists moisture
- CCMC 12425-L
- Custom sizes available

Energy Tip

Continuous insulation over your exterior walls eliminates thermal bridging, increasing your total effective RSI/R-value. This reduces energy cost, increasing your energy savings. Continuous insulation reduces expansion and contraction of concrete walls.

Branding is not available at all locations.

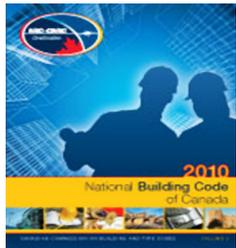
DuroFoam® Plus Insulation

INSULATING EXTERIOR BASEMENT WALLS



Continuous insulation over the exterior eliminates thermal bridging and isolates the foundation wall from exterior temperature fluctuations.

MILLIMETERS	RSI	INCHES	R-VALUE
19	0.53	¾"	3.03
25	0.70	1"	4.04
38	1.06	1½"	6.06
50	1.40	2"	8.08
75	2.10	3"	12.12



- Follow the building code.**
Be sure to follow the building code requirements applicable in your region.

Ensure that the concrete surface is dry and free of dirt.



- Drainage at Footing.**
Place drainage tile covered by coarse gravel at the base of the wall, as per local building code.



- Install Insulation.**
Starting from a corner, apply DuroFoam Plus insulation boards to the wall from the top of the footings to the top of the basement wall. Use an adhesive compatible with expanded polystyrene (EPS) insulation.



- Protect Exposed Insulation.**
DuroFoam Plus insulation must be protected from the top of the basement wall to 12" below grade to prevent damage. Stucco parging is one common protective layer that may be applied. Talk to your building supply professional about other options.



- Measure & Trim Insulation.**
Measure and trim DuroFoam Plus insulation with a utility knife or fine tooth hand saw to fit around any openings such as windows.



- Backfill.**
Backfill the foundation wall to the required grade using backfill material that will permit drainage to the drainage tile at the bottom of the wall. Grade the site so that the top soil is sloped away from the foundation wall.



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