

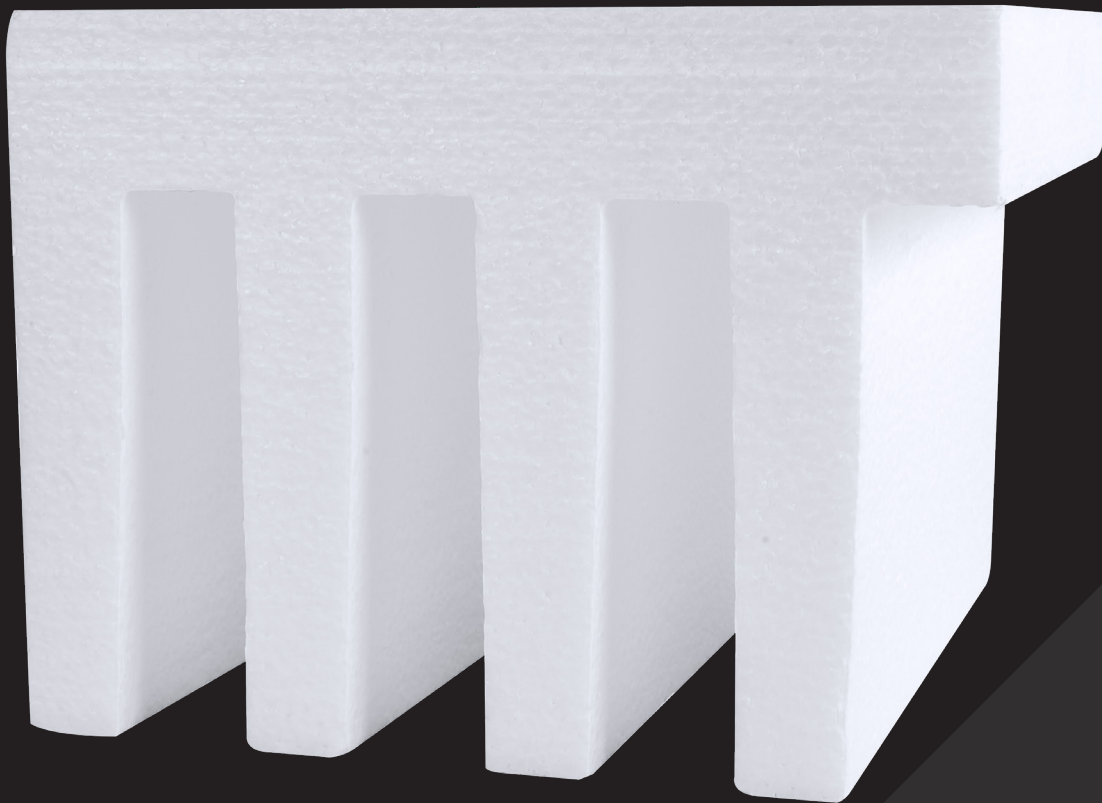


SuperForm™

EPS+

FROST
IMPACT
BOARD

Proudly manufactured in Canada. 🍁



Building a better future.

superformicf.com



SuperForm Frost Impact Board is manufactured from expanded polystyrene (EPS) resin using a pentane blowing agent. This process does not use the hydrofluorocarbons (HFCs). The result is a high grade closed, air-filled cell structure that does not contain HFCs with a very low impact on the environment.

This efficient solution is designed to protect concrete against frost heave or any ground swell that may stress or damage foundations. Its stable R-value coupled with its low moisture absorption properties while quickly releasing moisture makes **Frost Impact Board** ideal for below concrete.

Born from innovation – driven by technology.
SuperForm Frost Impact Board is an easy to install solution for grade beam void form.

SuperForm Frost Impact Board is designed to hold concrete in grade beams or foundations. It is engineered to buckle under pressure from frost heave or ground swell, thus protecting your concrete foundation, slab, or grade beam from concrete fracture or failure. Our taper legs offer less square footage on the ground, giving you enough strength to hold the concrete in place while allowing ground movement below. Our grooved top panel adheres to the concrete better resulting in a tight EPS/concrete connection.

- Engineered**
 - Tested to perform when ground swell or frost heave is present.
- Stable R-Value**
 - Provides a stable R-value that does not deteriorate over time.
- Moisture Resistance**
 - Closed cell polystyrene insulation that is proven to resist moisture gain.
- Vapor Permeable**
 - Allows moisture vapor to effectively move through its structure.
- Drying Potential**
 - Designed to quickly release moisture and maintain its R-value over time.
- Low Environmental Impact**
 - Does not use or contain ozone-depleting blowing agents such as HFCs.

Strain %	Compressive Stress					
	Solid Void Form		Frost Impact Board (4 in.)		Frost Impact Board (6 in.)	
	(kPa)	[psi]	(kPa)	[psi]	(kPa)	[psi]
1%	11.8	[1.71]	6.6	[0.96]	12.8	[1.85]
5%	59.3	[8.60]	36.2	[5.25]	37.8	[5.48]
10%	72.0	[10.44]	39.3	[5.70]	37.7	[5.48]
15%	78.1	[11.32]	40.2	[5.84]	35.1	[5.08]
20%	83.4	[12.10]	41.0	[5.94]	22.5	[3.26]
25%	89.1	[12.92]	41.5	[6.01]	21.2	[3.08]
30%	95.3	[13.82]	41.5	[6.02]	24.3	[3.52]
35%	102.4	[14.85]	35.8	[5.20]	29.2	[4.24]
40%	110.5	[16.03]	30.1	[4.37]	40.5	[5.88]
45%	119.7	[17.37]	34.9	[5.06]	56.7	[8.22]
50%	130.6	[18.94]	46.2	[6.70]	74.4	[10.80]
55%			59.8	[8.68]	90.1	[13.07]
60%			73.1	[10.60]	106.5	[15.44]

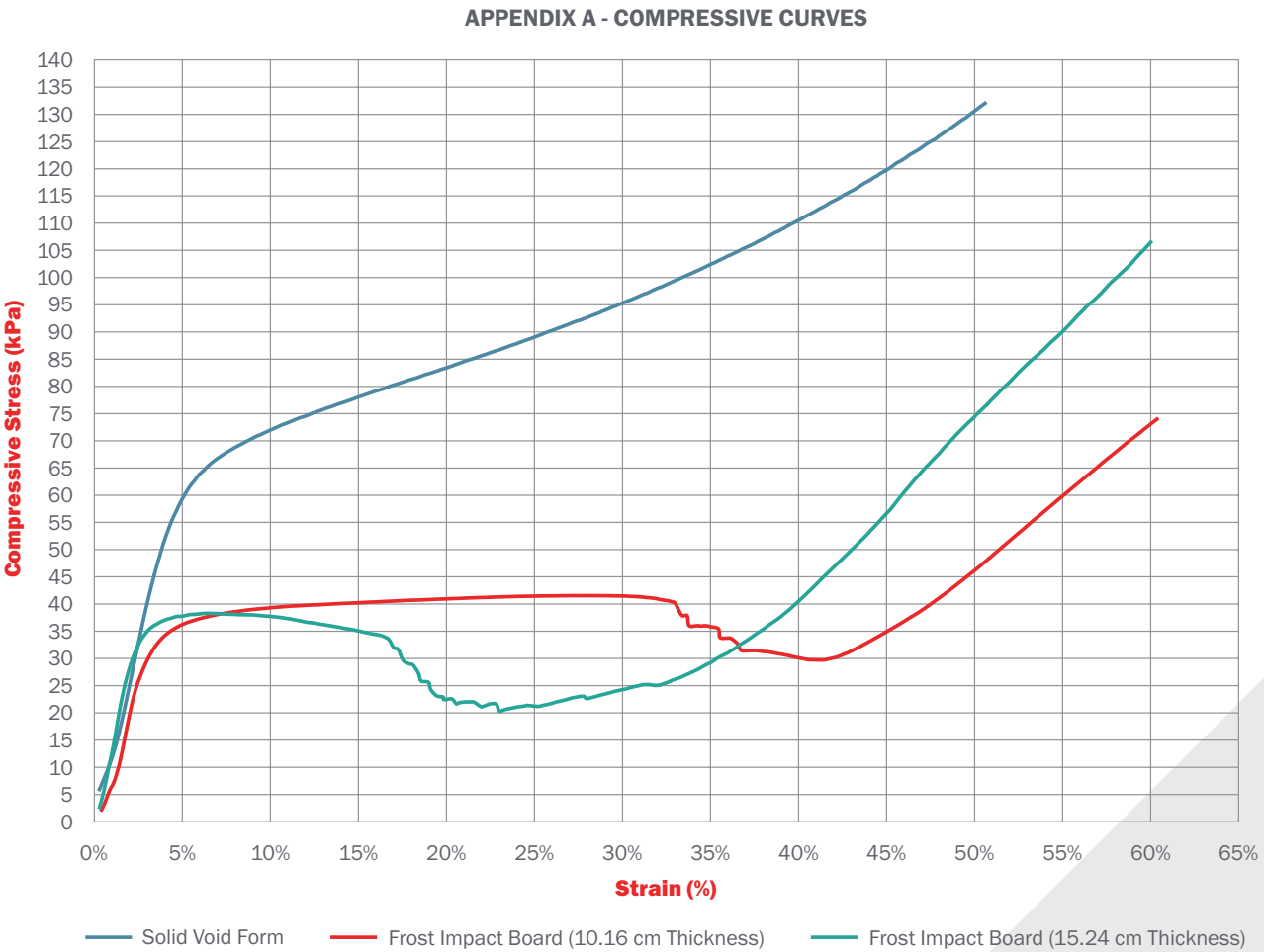


Figure 1 - Compressive Stress vs Strain Curves



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Standard Sizes Available

Thickness	Nominal Widths*	Lengths
4"	8"	8'
	10"	
	12"	
	48"	
6"	8"	8'
	10"	
	12"	
	48"	

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