

# FLEXXBoard25™ SPECIFICATIONS CHART

Property	Units	ASTM Test	Results
Sheet Dimension	4' x 8'	-	-
Density Classification	pcf	-	2.0
Thermal Resistance R-Value at 75° F	1" thickness	C-518-04	4.54

Strength Properties, Minimum	Units	ASTM Test	Results
Compressive 10% Deformation	psi	D1621	32.8
Flexural	psi	C203	47
Dimensional Stability	%	D2126-09	2.0
Oxygen Index Volume	%	D2126-09	24.0
Thermal Conductivity K Factor at 75°F	BTU/(hr.)	C-518-04	.232
Modulus of Elasticity	(sq. ft.) F/in.		

Moisture Resistance, Maximum	Units	ASTM Test	Results
WVT (water vapor Transmission)	perm./in.	E96	2.65
Absorption (vol.)	%	C272	2.4
Capillarity	-	-	none

## FLEXXBoard25™ INSULATING FOAM BOARD

### PREVENT SHIFTING HEAVING CRACKING

*When used under concrete, FlexxBoard25 bonds to concrete forming a superior thermal barrier, to prevent shifting, heaving and cracking.*



*Bonds to Concrete!*



**FLEXXBoard25™**  
INSULATING FOAM BOARD  
by LiteForm®

# THE ULTIMATE PRO-GRADE FOAM



**FLEXXBoard25™**  
INSULATING FOAM BOARD



#SaveYourConcrete





Use for  
**SUPERIOR  
INSULATION**  
or as an  
**UNDER-SLAB  
THERMAL BARRIER**



**The construction-grade, versatile foam board designed to preserve concrete, cut energy costs, and simplify your build.**

FlexxBoard25 is a simple but effective revolution in concrete and insulation technology. Designed by LiteForm, it is a rigid, lightweight foam insulation board that provides improved performance over traditional Extruded Polystyrene (XPS) foam—at a lower cost. Save your concrete and step up your insulation with FlexxBoard25.

**Benefits of Building With FlexxBoard25:**

- Cuts down energy costs
- Preserves concrete, eliminating frost heaving and cracking
- Increases the structural integrity of concrete
- Bonds with concrete—will not separate like other products
- Resists moisture, mold and mildew
- Sustains high R-Value without rotting or deteriorating over time
- Deadens sound, acting as a quiet barrier

**Frost Protection that Bonds to Concrete!**

Visit [flexxboard.com](http://flexxboard.com) or your local building supply center.

**SAVE YOUR  
CONCRETE  
AND STEP  
UP YOUR  
INSULATION**

*FlexxBoard25 is the perfect foam insulation board to use above or below ground and offers many advantages at a lower cost than the competition.*

**#SaveYourConcrete**

**✓ In-floor Heating**

Install FlexxBoard25 with a radiant floor heating system to prevent heat loss and promote even heating.



**✓ Under-Slab Thermal Barrier**

FlexxBoard25 prevents heaving and cracking caused by frost. The concrete-bonding property creates a thermal barrier that also extends the life of any concrete slab.



**✓ Paver Base**

Use FlexxBoard25 as an insulated paver base to prevent frost heave. Reduce heavy sand and gravel bases with this lightweight, high density, insulation board.



**✓ Perimeter Insulation**

Protect any building's foundation by using FlexxBoard25 around the perimeter. This not only prevents frost penetration and heaving of the concrete but it also lowers energy costs by reducing heat loss.

