



**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Date Printed: 2013-01-14

Effective Date: 2013-01-11

Supersedes Date: 2013-01-05

Name: STYROFOAM™ IB-TR-X Extruded Polystyrene Foam

Specification Number: 000000239693

Previous Specified Material: 00174533

Additional Product Information:

Board faces: planed
Edge treatment: Butt Edge
Application: wall insulation
Trade Product Code: 00239693

GOVERNMENT/INDUSTRY STANDARDS

XPS - EN 13164 - T2 - CS(10\Y)200 - DS(TH) - TR200 - WL(T)1.5

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Thickness Tolerance	-1.5 — 1.5	mm	EN 823	
Width Tolerance	-3 — 3	mm	EN 822	
Length Tolerance, for lengths <1500mm	0 — 8	mm	EN 822	
Length Tolerance, for lengths >=1500mm	-10 — 10	mm	EN 822	
Squareness, ends	5 Max	mm/m	EN 824	
Flatness, in width and length	6 Max	mm/m	EN 825	
Compressive Strength, vertical	200 Min	kPa	EN 826	
Declared Thermal Conductivity, for thicknesses <80mm	31 Max	mW/m.K	EN 13164	
Declared Thermal Conductivity, for thicknesses >80mm	32 Max	mW/m.K	EN 13164	

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Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Density, typical	Report	kg/m ³	EN 1602	1
Water Absorption, by immersion	1.5 Max	%	EN 12087	
Fire Performance, Reaction to Fire, Euroclass E	Pass		EN 13501-1	

Final Testing Requirements Notes:

- 1 Density, typical Note
Density, typical = 32 kg/m³

General Notes

1 **CAUTION!:** This material contains a halogenated flame retardant system to inhibit accidental ignition from small fire sources. During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.

2 **WARNING!:** Fabrication methods, which involve cutting into this product, will release the flammable blowing agent remaining in the cells.

Provide adequate ventilation. In order to prevent build-up of combustible vapors, do not store large quantities of this product in unventilated spaces.

Transport bulk shipments of this product in ventilated vehicles and containers.

3 Storage Notes

- This product can be stored OUTSIDE.
- Protect from direct sunlight if prolonged outside storage.

4 Standard Dimensions

- Width: 600mm
- Length: 2650mm
- Thicknesses: 25, 30, 40, 50, 60, 70 and 80mm

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READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.