



**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Date Printed: 2013-01-14

Effective Date: 2013-01-03

Supersedes Date: 2012-11-26

Name: FLOORMATE™ TR-X Extruded Polystyrene Foam

Specification Number: 000000221713

Previous Specified Material: 00173193

Additional Product Information:

Board faces: with skin
Edge treatment: SHIPLAP
Application: floor insulation
Trade Product Code: 00221713

Government and Industry Standards

XPS - EN 13164 - T1 - CS(10\Y)200 - DS(TH)

Test and Test Condition	Final Testing Requirements			
	Limit	Unit	Method	Note
Thickness Tolerance, for thicknesses <50mm	-2.0 — 2.0	mm	EN 823	
Thickness Tolerance, for thicknesses >=50mm and <=60mm	-2.0 — 3.0	mm	EN 823	
Width Tolerance	-3 — 3	mm	EN 822	
Length Tolerance	-6 — 6	mm	EN 822	
Squareness, ends	5 Max	mm/m	EN 824	
Flatness, in width and length, for lengths <1000mm	7 Max	mm	EN 825	
Flatness, in width and length, for lengths >=1000mm and <=2000mm	14 Max	mm	EN 825	

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Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Flatness, in width and length, for lengths >2000mm and <=4000mm	21 Max	mm	EN 825	
Flatness, in width and length, for lengths >4000mm	28 Max	mm	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	
Density, typical	Report	kg/m ³	EN 1602	1
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.

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3 Storage Notes

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

4 Standard Dimensions

- Width: 600 mm
- Length: 1200 mm
- Thicknesses: 30, 40, and 50 mm

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