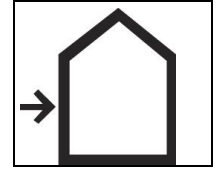


## PRODUCT BULLETIN

# Sto Expanded Polystyrene (EPS) Insulation Board



### PRODUCT DESCRIPTION

Sto Expanded Polystyrene (EPS) Insulation Board is a rigid cellular expanded polystyrene insulation board intended for use in StoTherm® ci Systems. It is made by licensed Sto EPS Insulation Board molders in accordance with ASTM E2430, and ASTM C 578 requirements for Type 1 EPS.

FEATURES	BENEFITS
Lightweight, easy to cut, score, shape, and rasp	Worker friendly, easy to achieve aesthetics
Fully tested for fire exposure and durability in StoTherm ci Systems	Built-in compatibility of wall system components, peace of mind, for use on all Types of construction
Continuous insulation when used in StoTherm ci Systems and StoPanel Systems	Simplifies design to achieve required R-value or U-factor in wall construction

### REGULATORY COMPLIANCE

- Complies with ASTM C578, *Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation*, as nominal 1lb/ft<sup>3</sup> (16kg/m<sup>3</sup>) Type 1 thermal insulation
- Complies with ASTM E2430 / 2430M, *Standard Specification for Expanded Polystyrene ("EPS") Thermal Insulation Boards for Use in Exterior Insulation and Finish Systems ("EIFS")*, Compliant with 2012, 2015, and 2018 IBC, IRC, and IECC when used as a component of StoTherm ci System wall assemblies, Refer to ICC ESR 1748, *StoTherm ci, StoPanel Classic ci, StoPanel Impact ci, StoPanel XPS, and StoPanel Classic NExT ci*
- Meets requirements of the National Building Code of Canada-2010 and 2015 as a component of StoTherm ci Systems wall assemblies, refer to Intertek Design Listings STO/WEIFS 15-01 and 25-01 for compliance with Clause 3.2.3.8.(1)(b) and Article 3.1.5.5.
- Meets requirements of National Building Code of Canada-2015 as a component of StoTherm ci Systems, refer to CCMC Evaluation Report 12416-R, *StoTherm ci Lotusan, StoTherm ci Classic, StoTherm ci Essence Exterior Insulation and Finish*

### PACKAGING and SIZES

Packaged in yellow polyethylene bags, 2x4 ft (~609x1219mm) sheets at 1-12 inch (~25.4-305mm) thickness in increments of 1/2in (12.7mm)

### SHELF LIFE:

18 months, if properly stored in original packaging

### STORAGE:

The product is combustible. Protect or store away from sources of high heat, ignition, sparks, flames, flammable or volatile materials. Store in original packaging off the ground in a dry location. Protect from UV exposure and avoid covering with dark colored tarps or other coverings which can cause heat build-up and surface deformation.

### LIMITATIONS

- Service temperature limit: -65 to +165°F (-53.9 to +73.9°C)
- A protective barrier or thermal barrier is required as specified in the appropriate building code to separate this product from interior space
- For other limitations of use with respect to building codes refer to ICC ESR 1748

### INSTALLATION

Refer to StoTherm ci System specification as [www.stocorp.com](http://www.stocorp.com)

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**ATTENTION**

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, [www.stocorp.com](http://www.stocorp.com)