

Technical Hotline

StoTherm® ci and DensElement®

DensElement sheathing is a glass mat faced gypsum sheathing that conforms with ASTM C1177, *Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing*, according to information published by Georgia-Pacific.

Sto Corp. recommends its StoTherm ci system, complete with StoGuard® Air and Water-Resistive Barrier, when EIFS is the desired cladding over any ASTM C1177 compliant sheathing, including DensElement. The resulting assembly is fully code compliant, independently tested, and is listed in ICC Evaluation Report No. 1748. When StoTherm ci is used over ASTM C1177 compliant sheathing it comes with a single source warranty form Sto Corp for the air, vapor, and moisture control layer – StoGuard, and the Sto EIFS cladding.

The DensElement Barrier System consists of DensElement sheathing coupled with a fluid applied flashing (PROSOCO R-Guard® FastFlash®), used to treat joints and spot fasteners. If Sto EIFS is used over DensElement without StoGuard, acceptance of the assembly for compliance with the applicable building code and project specifications is the responsibility of the design professional and AHJ (Authority Having Jurisdiction).

If StoGuard is not used, the resulting system is not StoTherm ci, and any associated warranty with respect to moisture control, air tightness, and drainage must come from Georgia-Pacific, while any Sto warranty would be limited to the Sto EIFS cladding.

<p>Sto Americas Sto Corp. 3800 Camp Creek Parkway Building 1400, Suite 120 Atlanta, GA 30331 USA Toll Free: 1800 221 2397 www.stocorp.com</p>	<p>TH 0319-BSc. Rev No. 001 Date: 08/2025</p>	<p>ATTENTION</p> <p>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. <u>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.</u> 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</p>
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