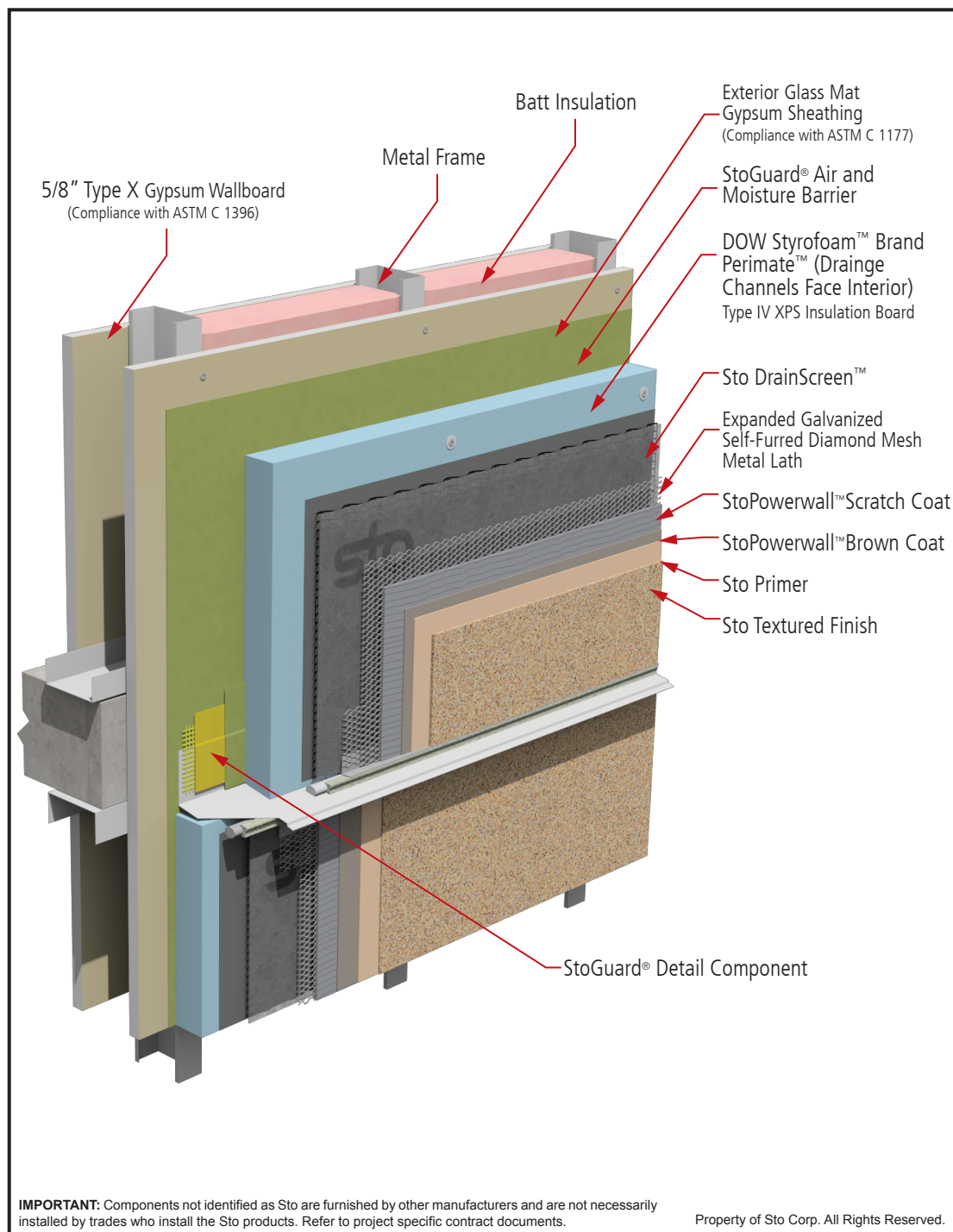


Sto Powerwall®ci

Fire Protection - Noncombustible Type Construction (NFPA 285) and
1 Hour Non-Load Bearing Fire-Resistive Rated Wall Assembly (ASTM E 119)

Detail No.: 63s.FP

Date: December 2015

**Notes:**

1. Interior Wallboard: minimum 5/8" (16mm) gypsum wallboard in compliance with ASTM C 1396.
2. Structure: Minimum 18 ga studs, minimum 3-5/8" stud depth, maximum 16" O.C. stud spacing.
3. Floorline Firestopping: if Platform type framing - none; if Balloon type framing - minimum 4 pcf mineral wool in each stud cavity and at each floor line, attached with Z-clips or equivalent.
4. Stud Cavity Insulation: none, or any noncombustible batt insulation, faced or unfaced.
5. Continuous Insulation: DOW Styrofoam™ Brand Perimate™ (Drainage Channels Face Interior), (Type IV XPS) maximum 3" (76 mm) thick.
6. Exterior Sheathing: minimum 1/2" (51 mm) glass mat gypsum sheathing in compliance with ASTM C 1177. Joints treated with StoGuard® joint treatment.
7. Air Barrier Options: StoGuard with EmeraldCoat, Sto Guard with Gold Coat, or Sto ExtraSeal.
8. WRB (Water-resistive Barrier): none, or No. 15 Grade D Building Paper, or Asphalt Saturated Felt in compliance with ASTM D 226.
9. Cavity Wall Component: Sto DrainScreen™
10. Stucco Assembly: minimum 2.5# self-furred galvanized diamond mesh metal lath with stucco scratch and brown coat in compliance with ASTM C 926 at minimum 3/4" (19 mm) thick.
11. Openings: return stucco into openings at jambs and head minimum 1 inch (25 mm) past back of insulation board (Refer to Sto Detail 63s.05).

ATTENTION

Sto products are 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. They 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 Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to Sto products, 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.

www.stocorp.com