Sto Powerwall®ci
System Components

Metal Frame
Glass Mat Gypsum Sheathing (Compliance with ASTM C 1177)
StoGuard® Joint Treatment
StoGuard® Waterproof Air and Moisture Barrier
Dow Type IV XPS Insulation Board (See Note 6)
Code Compliant Building
Paper or Felt (optional if assembly is drained behind insulation board)
Sto DrainScreen™
Expanded Galvanized Self-Furred Diamond Mesh Metal Lath
StoPowerwall™ Scratch Coat
StoPowerwall™ Brown Coat
Sto Primer
Sto Textured Finish

Notes:
1. StoGuard® joint treatment options:
   a. StoGuard® RapidFill® (joints ≤ 1/4 inch [6 mm])
   b. Sto Gold Fill® with StoGuard® Mesh (joints ≤ 1/8 inch [3 mm])
   c. StoGuard® Fabric with StoGuard® air and moisture barrier (joints ≤ 1/8 inch [3 mm])
2. StoGuard® air and moisture barrier options:
   a. Sto Gold Coat® (vapor permeable)
   b. Sto EmeraldCoat® (high perm)
   c. Sto VaporSeal™ (vapor impermeable)
   d. Sto AirSeal™ (high perm) (Not for use with Sto Guard Fabric)
3. Refer to product bulletins and Sto Specification S 507x for complete information on Sto products. Refer to StoGuard® Air and Moisture Barrier detail series 20.XX for information on detailing with StoGuard®.
4. IMPORTANT. Refer to Sto Detail 63s.FP for special requirements related to Noncombustible Type construction and Fire-Resistive Rated Construction.
5. Prevent the accumulation of water into or behind the stucco, either by condensation or leakage into the wall construction, in the design and detailing of the wall assembly. Drainage is not a replacement for sound design and construction practice. Refer to Sto Tech Hotline Nos. 0403-BSc, Critical Detail Checklist for Wall Assemblies, and 0603-BSc, Moisture Control Principles for Design and Construction of Wall Assemblies, for more information.
6. Provide drainage behind insulation board when appropriate, based on project design and exposure conditions. Use Sto Drainscreen™ installed behind insulation, OR use ribbons of Turbostick adhesive to install maximum 2’x8’ (600x2400mm) insulation board, OR use Dow STYROFOAM™ Brand Perimate™ with channels oriented vertically, OR use other code approved method.

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, of 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.

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