**StoPowerwall®ci**  
**Vertical Joint at Dissimilar Material**

**Detail No.: 63s.11**  
**Date: March 2016**

- Glass Mat Gypsum Sheathing  
  (Compliance with ASTM C 1177)
- Dow Type IV XPS Insulation Board (See Note 5)
- 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 63P for special requirements related to Noncombustible Type construction and Fire-Resistive Rated Construction

5. 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.

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