

Sto®Powerwall®ci Box Window at Sill, Jamb, and Head

One-piece Expansion/ Metal Frame Control Joint (typical) Head Flashing Sealant dab at control joint termination (to divert water to exterior) Glass Mat Gypsum Sheathing (ASTM C 1177 compliant) StoGuard® EmeraldCoat DOW Styrofoam™ Brand Perimate[™] (Drainge Channels Face Interior) Type IV XPS Insulation Board See Page 2 for details Sto DrainScreen™ Window -Expanded Galvanized Self-Furred Diamond Mesh Metal Lath See Page 3 for details StoPowerwall™Scratch Coat StoPowerwall™Brown Coat Sto Primer Sill Flashing Sto Textured Finish

Detail No.: 63s.05 Date: December 2015 Page 1 of 3

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®
 waterproof air barrier membrane
 (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 62s.FP for special requirements related to Noncombustible Type construction and Fire-Resistive Rated Construction
- 5. Consult with window and sealant manufacturers to verify window installation and detailing to assure no leakage into the wall assembly.

 Consult with window manufacturer regarding window and flashing assemblies with thermal breaks to avoid condensation. Test the final assembly using materials and sub-trades associated with the project to verify performance.

IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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Sto®Powerwall®ci Box Window at Head/Jamb

ATTENTION

Code Compliant Paper or Felt WRB (water-resistive barrier) One piece Expansion/ Control Joint (typical) Flashing End Dam Metal Lath or Corner Accessory (folded onto Styrofoam surface) Head Flashing Flashing Inset 1 - Head & Jamb & End Dam Detail **End Dam** without Sto Textured Finish Sealant dab at control joint Sto DrainScreen™ termination (to divert water to exterior) **Backer Rod** & Sealant (with weep holes) StoGuard® Joint Treatment StoGuard® EmeraldCoat DOW Styrofoam™ Brand Metal Lath Perimate[™] (Drainge Channels or Corner Accessory Face Interior) (tied to Casing Bead) Type IV XPS Insulation Board Backer Rod Sto Powerwall™ & Sealant Scratch and Brown Coat Casing Bead (inbound of sheathing plane) Inset 2 - Head & Jamb Detail Backer Rod & Sealant with Sto Textured Finish

Detail No.: 63s.05 Date: December 2014

Page 2 of 3

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Sto®Powerwall®ci Box Window at Sill/Jamb

Air Seal
- interior around entire
perimeter of window frame

Sealant Bead

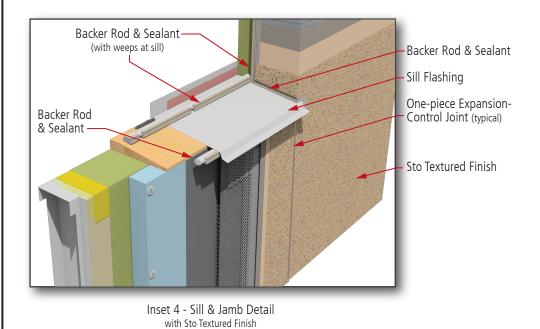
StoGuard® Joint
Treatment

Sill Flashing

Sto DrainScreen™

One piece Expansion/
Control Joint (typical)

Inset 3 - Sill & Jamb Detail without Sto Textured Finish



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Page 3 of 3

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