

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

Sto Insul-X<sup>™</sup>-Type IV XPS Insulation Board One-piece Expansion/ Metal Frame -Control Joint (typical) Head Flashing with StoGuard® Transition Membrane Sealant dab at control joint termination (to divert water to exterior) Glass Mat Gypsum (Compliance with ASTM C 1177) StoGuard® Waterproof Air Barrier Membrane Window Frame Code Compliant Paper or Felt WRB (water-resistive barrier) Sto DrainScreen™ Expanded Galvanized See Page 2 Self-Furred Diamond Mesh for details Metal Lath StoPowerwall™Scratch Coat See Page 3 for details StoPowerwall™Brown Coat Sto Primer - Sill Flashing Sto Textured Finish

Detail No.: 62s.05 Date: January 2015

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#### **Notes:**

- 1. StoGuard® joint treatment options: a. StoGuard® RapidSeal® with StoGuard® Mesh ( joints ≤ 1/4 inch [6 mm] ) b. Sto Gold Fill® with StoGuard® Mesh (joints  $\leq 1/8$  inch [3 mm]) c. StoGuard® Fabric with StoGuard® waterproof air barrier membrane (joints  $\leq 1/8$  inch [3 mm])
- 2. StoGuard® waterproof air barrier membrane options:
- a. Sto Gold Coat® (vapor permeable)
- b. Sto EmeraldCoat® (high perm)
- c. Sto VaporSeal $^{\mathsf{TM}}$ (vapor impermeable)
- d. Sto AirSeal™ (high perm) (Not for use with Sto Guard Fabric)
- 3. Water-Resistive Barrier: Minimum #15 grade D building paper.
- 4. Refer to product bulletins and Sto Specification S 507 for complete information on Sto products. Refer to StoGuard® Waterproof Air Barrier detail series 20.XX for information on detailing with StoGuard®.
- 5. IMPORTANT. Refer to Sto Detail 62s.FP for special requirements related to Noncombustible Type construction and Fire-Resistive Rated Construction
- 6. 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** 

One piece Expansion/ Control Joint Flashing End Dam StoGuard® Transition Membrane Head Flashing Flashing Inset 1 - Head & Jamb & End Dam Detail **End Dam** without Sto Textured Finish Sealant dab at control joint termination (to divert water to exterior) Casing Bead Backer Rod Sealant StoGuard® Joint Treatment Backer Rod & Sealant (interior) Backer Rod Backer Rod & Sealant & Sealant Inset 2 - Head & Jamb Detail with Sto Textured Finish Property of Sto Corp. All Rights Reserved

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### Notes:

- 1. StoGuard® joint treatment options:
- a. StoGuard® RapidSeal® with StoGuard® Mesh
- ( 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® waterproof air barrier membrane options:
  - a. Sto Gold Coat® (vapor permeable)
  - b. Sto EmeraldCoat® (high perm)
  - c. Sto VaporSeal™(vapor impermeable)
  - d. Sto AirSeal<sup>™</sup> (high perm) (Not for use with Sto Guard Fabric)
- 3. Water-Resistive Barrier: Minimum #15 grade D building paper.
- 4. Refer to product bulletins and Sto Specification S 507 for complete information on Sto products. Refer to StoGuard® Waterproof Air Barrier detail series 20.XX for information on detailing with StoGuard®.
- 5. IMPORTANT. Refer to Sto Detail 62s.FP for special requirements related to Noncombustible Type construction and Fire-Resistive Rated Construction
- 6. 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.

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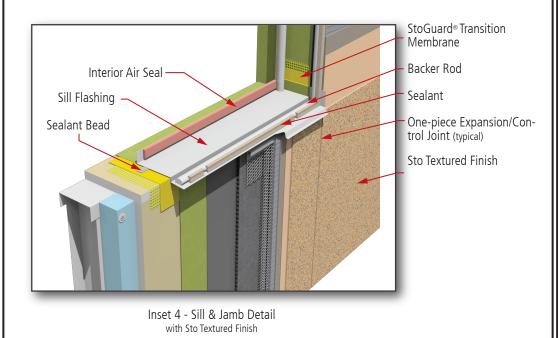
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### Sto®Powerwall® ci **Box Window at Sill/Jamb**

Casing Bead Flashing End Dam Sill Flashing StoGuard® Joint **Treatment** Code Compliant Paper or Felt WRB (water-resistive barrier) -Sto DrainScreen™

Inset 3 - Sill & Jamb Detail without Sto Textured Finish



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One piece Expansion/

Control Joint

# Notes:

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- 1. StoGuard® joint treatment options:
- a. StoGuard® RapidSeal® with StoGuard® Mesh

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( joints ≤ 1/4 inch [6 mm] )

(joints  $\leq 1/8$  inch [3 mm])

- b. Sto Gold Fill® with StoGuard® Mesh (joints  $\leq 1/8$  inch [3 mm])
- c. StoGuard® Fabric with StoGuard® waterproof air barrier membrane
- 2. StoGuard® waterproof air barrier membrane options:
  - a. Sto Gold Coat® (vapor permeable)
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