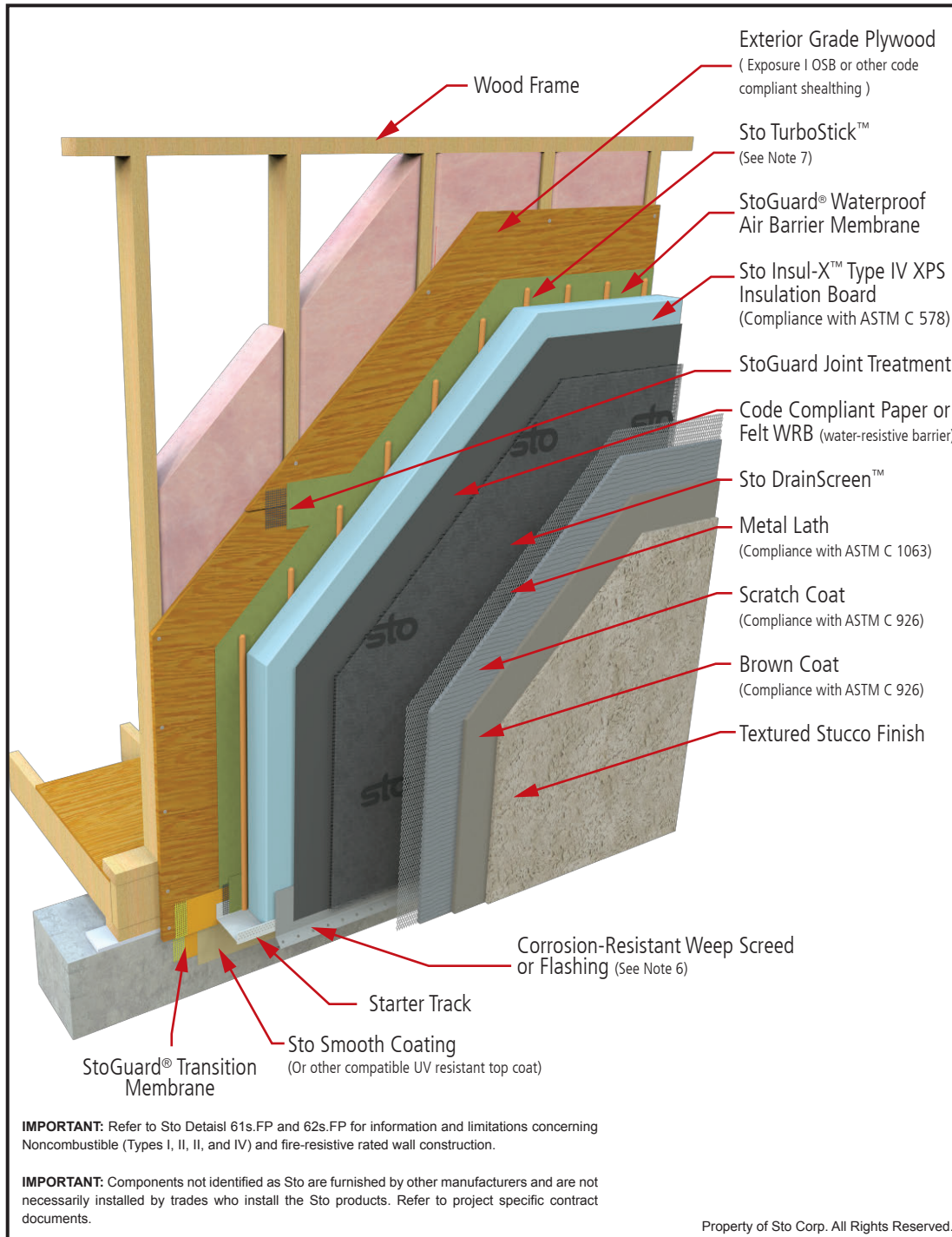


# StoEnergy Guard™

## Frame Construction: Portland Cement Stucco with Continuous Insulation Outbound of Sheathing

Detail No.: 61w.01  
Date: May 2012



- Notes:**
- StoGuard® joint treatment options:
    - StoGuard® RapidSeal® with StoGuard® Mesh (joints ≤ 1/4 inch [6 mm])
    - Sto Gold Fill® with StoGuard® Mesh (joints ≤ 1/8 inch [3 mm])
    - StoGuard® Fabric with StoGuard® waterproof air barrier membrane (joints ≤ 1/8 inch [3 mm])
  - StoGuard® Transition Membrane Options:
    - StoGuard® RaidSeal® with StoGuard® Mesh
    - Sto Gold Fill with StoGuard® Mesh
  - StoGuard® waterproof air barrier membrane options:
    - Sto Gold Coat® (vapor permeable)
    - Sto EmeraldCoat® (high perm)
    - Sto VaporSeal™ (vapor impermeable)
    - Sto AirSeal™ (high perm) (Not for use with Sto Guard Fabric)
  - Water-Resistive Barrier: Minimum #15 grade D building paper.
  - 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®.
  - Cladding termination minimum 4" (101 mm) above finish grade, minimum 2" (51mm) above paved surfaces.
  - Sto TurboStick serves as temporary attachment of Sto Insul-X. Sufficient cap or disc fasteners may also be used. Permanent attachment is achieved with mechanical attachment of cladding in compliance with the applicable code.
  - IMPORTANT!** Cladding weight and loads imposed on fasteners is a consideration when attaching through thick insulation. Consult local codes, FSC, [www.foamseathing.org](http://www.foamseathing.org), and/or cladding manufacturer for guidance. In some cases special analysis may be required to determine adequate attachment.

**IMPORTANT:** Refer to Sto Details 61s.FP and 62s.FP for information and limitations concerning Noncombustible (Types I, II, III, and IV) and fire-resistive rated wall construction.

**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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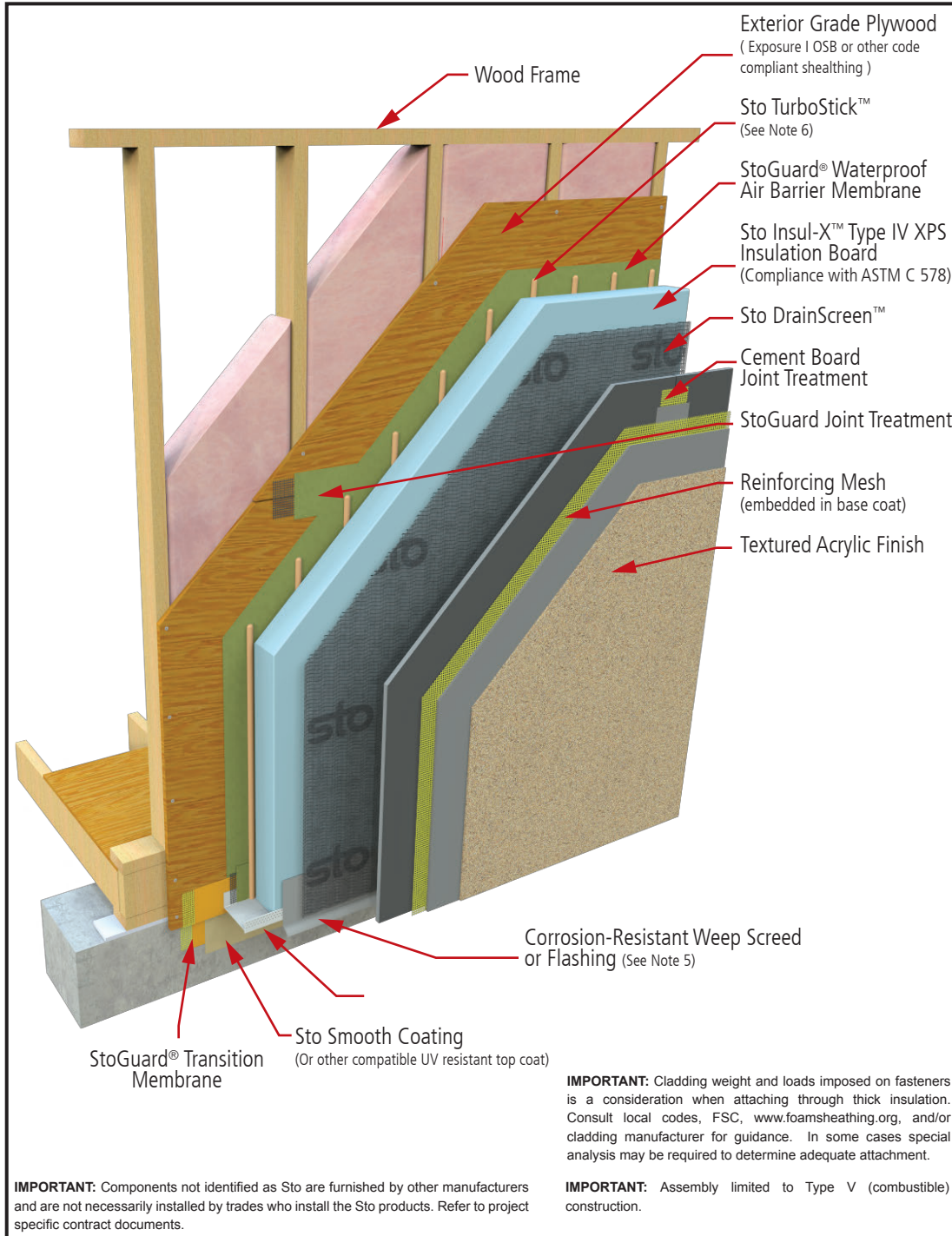
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# StoEnergy Guard™

## Frame Construction: Acrylic Finish over Cement Board with Continuous Insulation Outbound of Sheathing

Detail No.: 61w.02  
Date: May 2012



- Notes:**
- StoGuard® joint treatment options:
    - StoGuard® RapidSeal® with StoGuard® Mesh (joints ≤ 1/4 inch [6 mm])
    - Sto Gold Fill® with StoGuard® Mesh (joints ≤ 1/8 inch [3 mm])
    - StoGuard® Fabric with StoGuard® waterproof air barrier membrane (joints ≤ 1/8 inch [3 mm])
  - StoGuard® Transition Membrane Options:
    - StoGuard® RaidSeal® with StoGuard® Mesh
    - Sto Gold Fill with StoGuard® Mesh
  - StoGuard® waterproof air barrier membrane options:
    - Sto Gold Coat® (vapor permeable)
    - Sto EmeraldCoat® (high perm)
    - Sto VaporSeal™ (vapor impermeable)
    - Sto AirSeal™ (high perm) (Not for use with Sto Guard Fabric)
  - 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®.
  - Cladding termination minimum 4" (101 mm) above finish grade, minimum 2" (51mm) above paved surfaces.
  - Sto TurboStick serves as temporary attachment of Sto Insul-X. Sufficient cap or disc fasteners may also be used. Permanent attachment is achieved with mechanical attachment of cladding in compliance with the applicable code.
  - Refer to manufacturer's instructions and ICC ES Report for code compliant materials and installation of cement board finish system.
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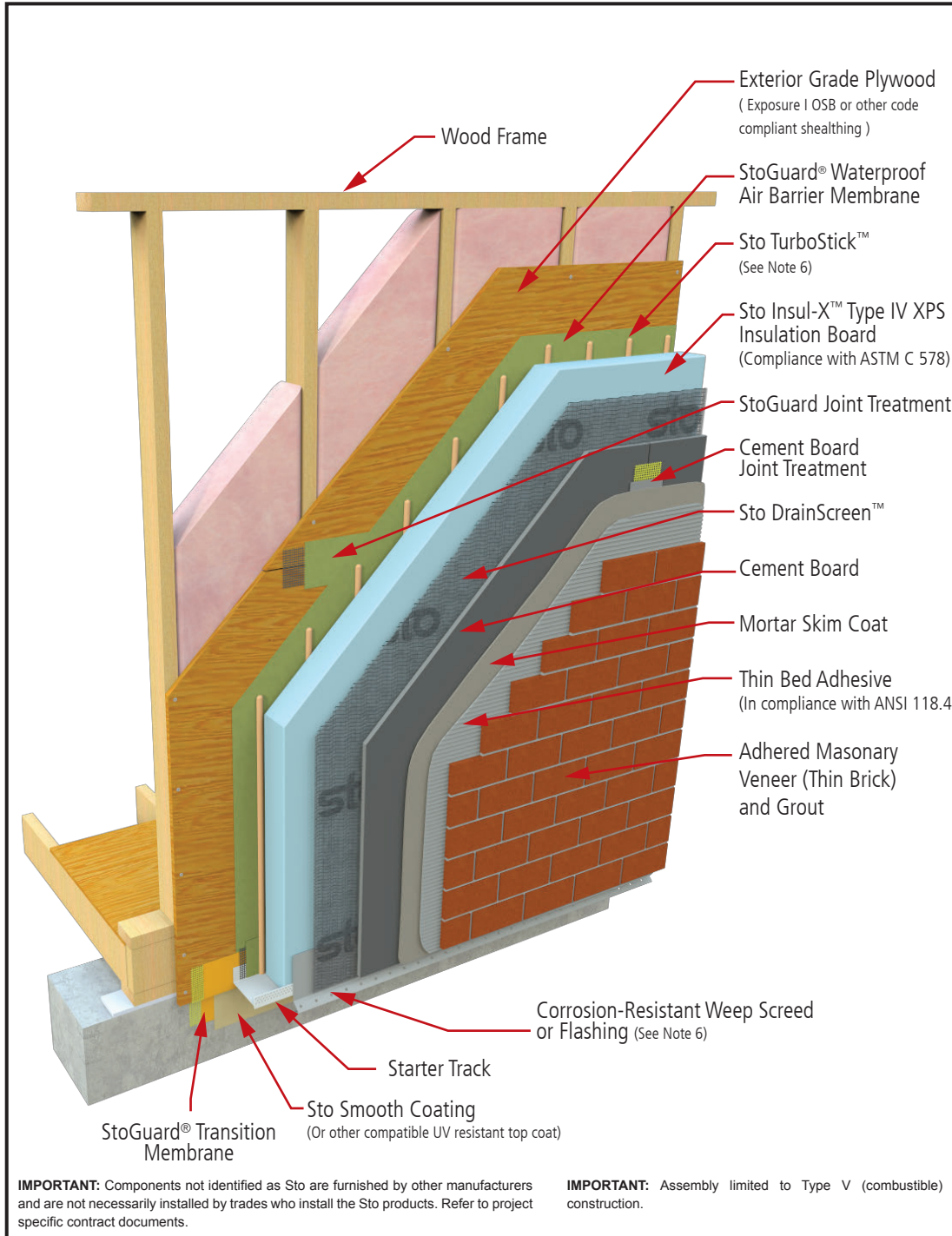
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# StoEnergy Guard™

## Frame Construction: Adhered Masonry Veneer - Thin Set Brick with Continuous Insulation Outbound of Sheathing

Detail No.: 61w.03  
Date: May 2012



- Notes:**
- StoGuard® joint treatment options:
    - StoGuard® RapidSeal® with StoGuard® Mesh (joints ≤ 1/4 inch [6 mm])
    - Sto Gold Fill® with StoGuard® Mesh (joints ≤ 1/8 inch [3 mm])
    - StoGuard® Fabric with StoGuard® waterproof air barrier membrane (joints ≤ 1/8 inch [3 mm])
  - StoGuard® Transition Membrane Options:
    - StoGuard® RaidSeal® with StoGuard® Mesh
    - Sto Gold Fill with StoGuard® Mesh
  - StoGuard® waterproof air barrier membrane options:
    - Sto Gold Coat® (vapor permeable)
    - Sto EmeraldCoat® (high perm)
    - Sto VaporSeal™ (vapor impermeable)
    - Sto AirSeal™ (high perm) (Not for use with Sto Guard Fabric)
  - 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®.
  - Cladding termination minimum 4" (101 mm) above finish grade, minimum 2" (51mm) above paved surfaces.
  - Sto TurboStick serves as temporary attachment of Sto Insul-X. Sufficient cap or disc fasteners may also be used. Permanent attachment is achieved with mechanical attachment of cladding in compliance with the applicable code.
  - Refer to cement board and adhered masonry veneer manufacturer's instructions and sections 6.1 and 6.3 of TMS 402 ACI 530/ASCE 5 for code compliant materials and installation of adhered masonry veneer
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**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.

**IMPORTANT:** Assembly limited to Type V (combustible) construction.

**ATTENTION**

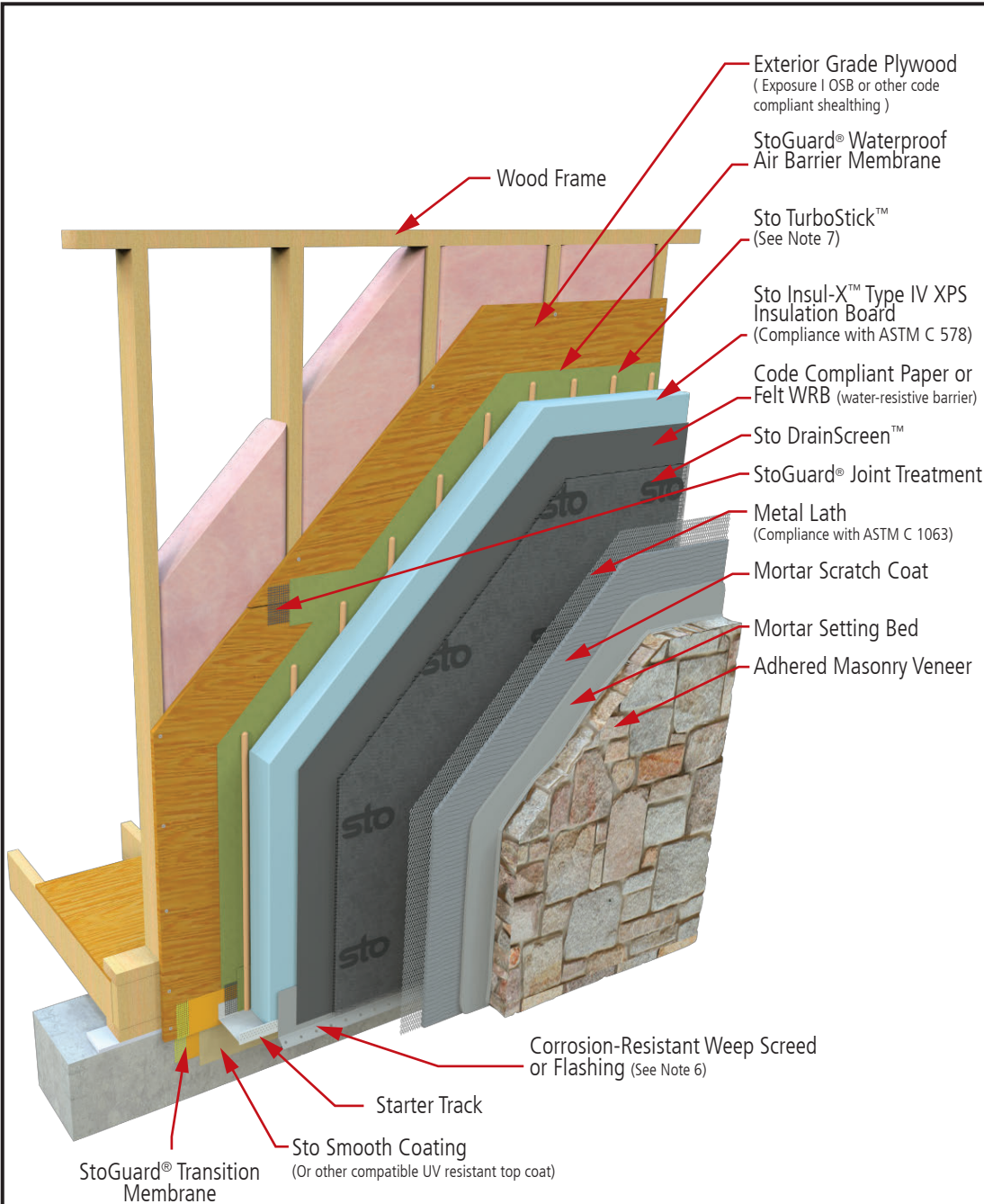
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# StoEnergy Guard™

## Frame Construction: Thick Adhered Masonry Veneer with Continuous Insulation Outbound of Sheathing

Detail No.: 61w.04  
Date: May 2012



### Notes:

- StoGuard® joint treatment options:
  - StoGuard® RapidSeal® with StoGuard® Mesh ( joints ≤ 1/4 inch [6 mm] )
  - Sto Gold Fill® with StoGuard® Mesh ( joints ≤ 1/8 inch [3 mm] )
  - StoGuard® Fabric with StoGuard® waterproof air barrier membrane ( joints ≤ 1/8 inch [3 mm] )
- StoGuard® Transition Membrane Options:
  - StoGuard® RaidSeal® with StoGuard® Mesh
  - Sto Gold Fill with StoGuard® Mesh
- StoGuard® waterproof air barrier membrane options:
  - Sto Gold Coat® (vapor permeable)
  - Sto EmeraldCoat® (high perm)
  - Sto VaporSeal™ (vapor impermeable)
  - Sto AirSeal™ (high perm) (Not for use with Sto Guard Fabric)
- Water-Resistive Barrier: Minimum #15 grade D building paper.
- 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®.
- Cladding termination minimum 4" (101 mm) above finish grade, minimum 2" (51mm) above paved surfaces.
- Sto TurboStick serves as temporary attachment of Sto Insul-X. Sufficient cap or disc fasteners may also be used. Permanent attachment is achieved with mechanical attachment of cladding in compliance with the applicable code.
- IMPORTANT!** Cladding weight and loads imposed on fasteners is a consideration when attaching through thick insulation. Consult local codes, FSC, [www.foamsheathing.org](http://www.foamsheathing.org), and/or cladding manufacturer for guidance. In some cases special analysis may be required to determine adequate attachment.

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**IMPORTANT:** Refer to Sto Details 61s.FP and 62s.FP for information and limitations concerning Noncombustible (Types I, II, III, and IV) and fire-resistive rated wall construction.

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