

Sto Finish System for Insulated Concrete Forms (ICF) Series 17.xx **November 2007**

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Finish Systems: Insulated Concrete Forms – 17.XX Series

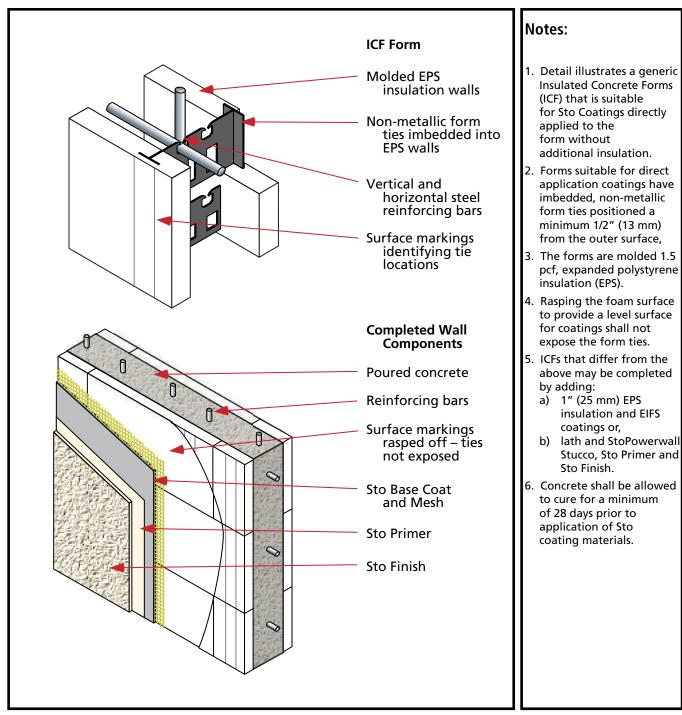
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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.01 Components

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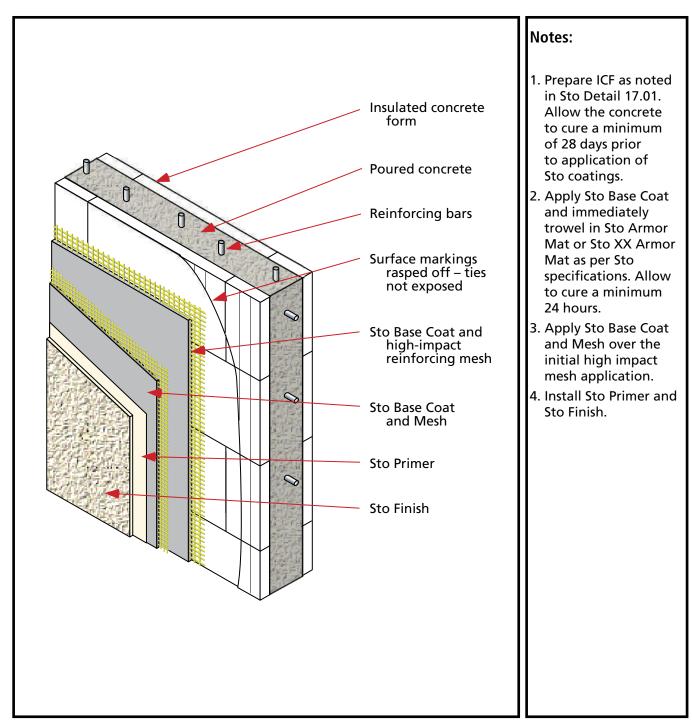
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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.02 Components: High Impact Resistance

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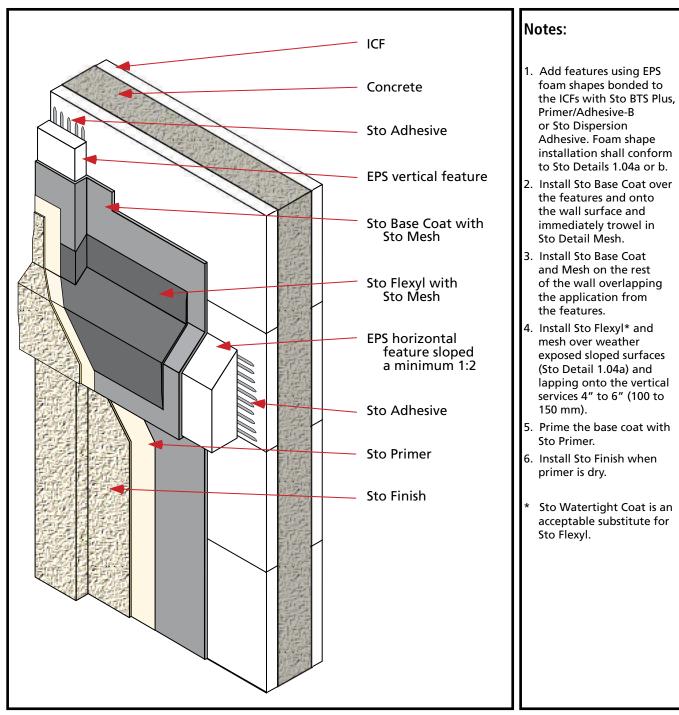
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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.06 Features

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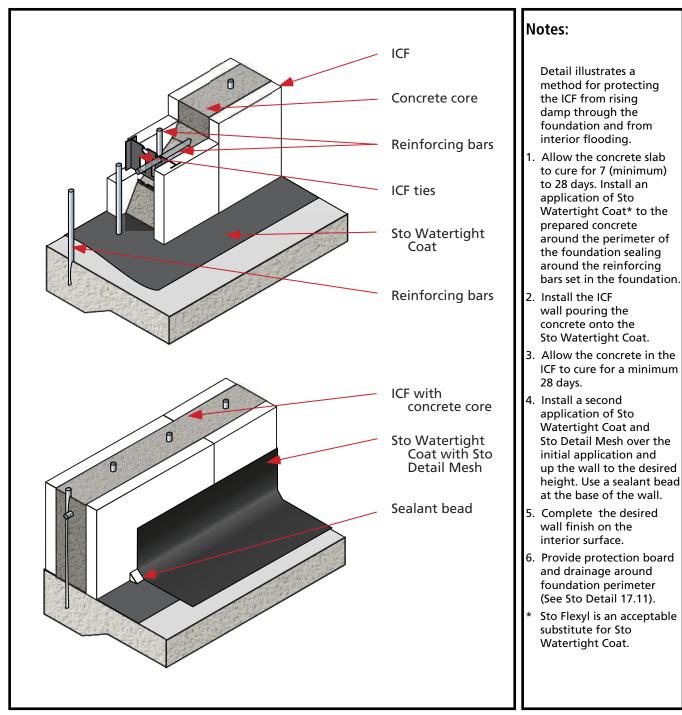
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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.10 Interior Foundation Protection

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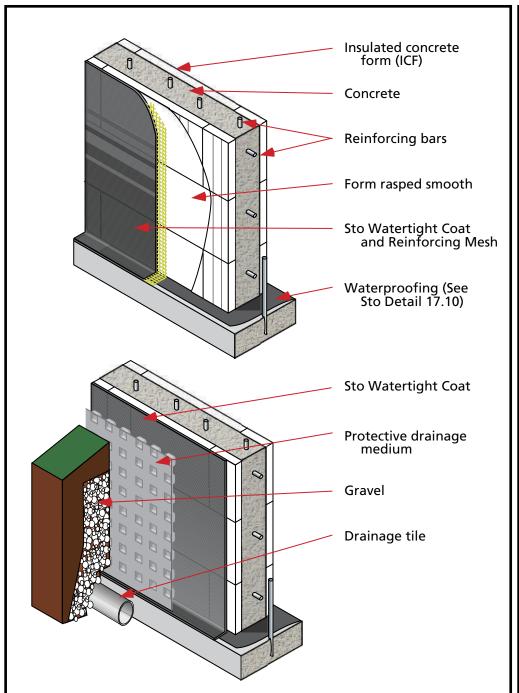
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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.11 Below Grade Components

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Notes:

- Allow concrete in ICF to cure for a minimum 28 days.
- Rasp ICF so that the surface is smooth and free of form markings.
- Apply Sto Watertight Coat to the ICF and onto the footing. Immediately imbed Sto Reinforcing Mesh.
- 4. Install a protective drainage medium over the waterproofed form to allow for free drainage and to protect the ICF from back-filling damage.
- Consult ICF manufacturer and the local code authority having jurisdiction for requirements related to control of termites and other insects.

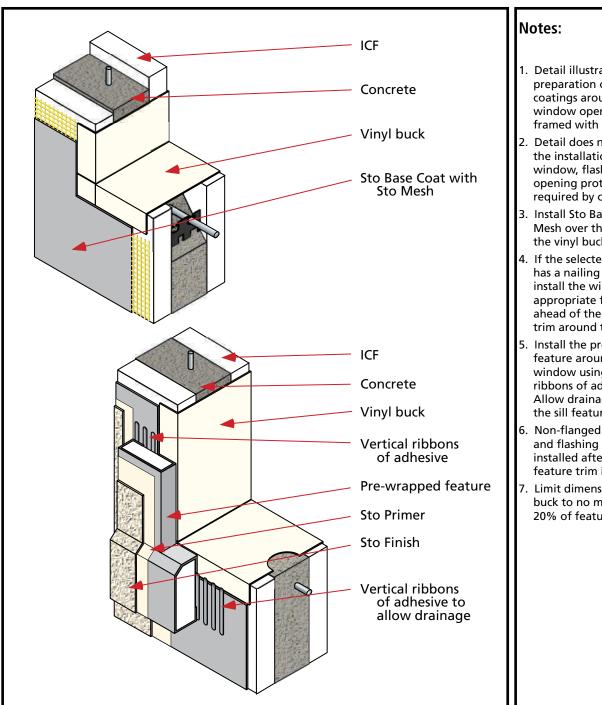
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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.23 Residential Window Sill

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- 1. Detail illustrates preparation of Sto coatings around a window opening framed with a vinyl buck.
- Detail does not illustrate the installation of the window, flashing or other opening protection required by code.
- 3. Install Sto Base Coat and Mesh over the ICF up to the vinyl buck flange.
- 4. If the selected window has a nailing flange, install the window and appropriate flashing ahead of the feature trim around the window.
- Install the pre-wrapped feature around the window using vertical ribbons of adhesive. Allow drainage below the sill feature.
- 6. Non-flanged windows and flashing may be installed after the feature trim is installed.
- Limit dimension of vinyl buck to no more than 20% of feature width.

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Sto Coatings For Insulated Concrete Forms (ICF) Detail No.: 17.25 Finished Opening - Sill

Ready for Finish **ICF** Concrete Removable form Option 1 Sto Base Coat, Mesh, Primer and Finish wrapped onto cured concrete Note: Double wrap mesh at corners Option 2 **EPS** insulation added to opening using Sto Adhesive **Termination** pre-wrapped or back wrapped Sto Primer and Finish returned into opening EPS wedge

Notes:

- Detail illustrates installation of Sto coatings around a window opening prepared with a removable form.
- . Allow concrete to cure for 28 days prior to installing Sto coatings.

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 Remove any form release materials remaining on the concrete.

Option 1

- Install Base Coat and Mesh lapping onto concrete a minimum 4" (100 mm).
- 5. Apply Sto Primer and Finish as specified.

Option 2

- Install EPS insulation into the opening using Sto Adhesive. Prewrap the insulation with Base Coat and Mesh or back-wrap. Apply Sto Primer and Finish as specified.
- 7. Apply Sto Primer and Finish as specified.

NOTE: Detail does not illustrate installation of the window, flashing or other opening protection required by code.

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Note: Double wrap mesh at corners