The Total Direct ICF system is the ultimate combination of rugged durability and beautiful colors and textures.

Total Mesh embedded in a highly crack resistant base coat provides a sturdy base that chemically bonds to the ICF foam. The Total Wall Finish Coat is then applied to provide the chosen color and texture.

This system is ideal for any ICF structure where a natural masonry look is desired along with an option for architectural enhancements, such as quoins, trim bands, reveals and arches.

- **Energy Efficiency:** Typical R22
- **Substrates:** ICF (Insulated Concrete Form) Walls
- **Design Elements:** Requires no control joints, can employ reveals and trims, can easily upgrade impact resistance using increased mesh weight
- **Sustainability:** Low VOC, low toxicity, recycled content

**Detail Directory**

- Typical TotalDirect ICF System - Iso: TDICF-01 Pg 1
- Typical Total Direct ICF System -Top View: TDICF-02 Pg 1
- Typical Window/Door Head (Flush): TDICF-03.1 Pg 2
- Typical Window/Door Head (Recessed): TDICF-03.2 Pg 2
- Typical Window/Door Head (Flush): TDICF-03.3 Pg 3
- Typical Window Sill (Flush): TDICF-04.1 Pg 3
- Typical Window Sill (Recessed): TDICF-04.2 Pg 4
- Typical Window Sill (Flush): TDICF-04.3 Pg 4
- Typical Window/Door Jamb (Flush): TDICF-05.1 Pg 5
- Typical Window/Door Jamb (Recessed): TDICF-05.2 Pg 5
- Typical Window/Door Jamb (Flush): TDICF-05.3 Pg 6
- Typical Expansion Joint: TDICF-06.1 Pg 6
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- Typical Vent Attachment: TDICF-11 Pg 9
- Typical Grade Termination: TDICF-13 Pg 9
- Typical Window Opening Preparation: TDICF-14 Pg 10

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TDICF-03.1  TYPICAL WINDOW/DOOR HEAD

TDICF-03.2  TYPICAL WINDOW/DOOR HEAD (RECESSED)
TDICF-04.2  TYPICAL WINDOW SILL (RECESSED)

TDICF-04.3  TYPICAL WINDOW SILL (FLUSH)
TDICF-05.1  TYPICAL WINDOW/DOOR JAMB (FLUSH) - TOP VIEW

TDICF-05.2  TYPICAL WINDOW/DOOR JAMB (RECESSED) - TOP VIEW
TOTAL DIRECT ICF
ICF Coating System

TDICF-5.3  TYPICAL WINDOW/DOOR JAMB (FLUSH) - TOP VIEW

TDICF-6.1  TYPICAL EXPANSION JOINT
TDICF-06.2  TYPICAL CONTROL JOINT

TDICF-08  TYPICAL STUCCO @ MASONRY SILL
TOTAL WALL
America’s EIFS And Stucco Company!

TOTAL DIRECT ICF
ICF Coating System

TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
CONTINUOUS SEALANT BEAD AROUND FLANGE

VENT
FASTENER & CORROSION RESISTANT SLEEVE

ICF WALL

TDICF-11  TYPICAL VENT ATTACHMENT

ICF WALL
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL FINISH COAT
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
CONCRETE SLAB

TDICF-13  TYPICAL GRADE TERMINATION DETAIL

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TOTAL DIRECT ICF
ICF Coating System

Figure #1
Framing
Approved Sheathing

Figure #2
Moisture Barrier is stretched over window opening

Figure #3
Cut Moisture Barrier

Figure #4
Wrap Moisture Barrier back into window opening

Figure #5
Do not seal nailing flange to this surface
Install Sill Pan Flashing

Figure #6
Apply caulk under nailing flange over first layer of moisture barrier to seal window jambs and head (but not the sill)
Install Window Head Flashing

Figure #7
Total Wall EPS Insulation Board
Drywall cut EPS boards at window and door corners

Backwrap EPS boards with total wall base coat and mesh
Hold the system back 1/2" to allow for sealant joint

Butterfly additional strips of mesh (6" x 12" pieces) in total wall base coat at corners

TOTAL WALL
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TDICF-14  TYPICAL WINDOW OPENING PREPARATION

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