Finestone Surfacing System for Insulated Concrete Forms (ICFs)

1. Finestone ICF Surfacing System Installation
2. ICF System Installation with Optional Additional Layer of EPS over ICF
3. Reveal
4. EPS Shape Application
5. Window Head (Wood Buck)
6. Window Jamb (Wood Buck)
7. Window Head (Vinyl Buck with EPS Trim)
8. Window Jamb (Vinyl Buck with EPS Trim)
9. Recessed Window Head/Jamb (Wood Buck/Vinyl Buck)
10. Window Sill (Wood Buck with EPS Trim)
11. Window Sill (Vinyl Buck with EPS Trim)
12. Recessed Window Sill (Wood Buck/VINYL BUCK)
13. Parapet
14. Transition to Existing Wall
15. Penetration
16. Termination at Foundation
17. Floorline (Non-Combustible Construction)
18. Eave Detail Exposed Top Plate
19. Sloped Roof/Wall Intersection
20. Kick-out Flashing
ICF-01 TYPICAL FINESTONE ICF SURFACING SYSTEM INSTALLATION

ICF-02 TYPICAL FINESTONE ICF SURFACING SYSTEM INSTALLATION WITH OPTIONAL ADDITIONAL LAYER OF EPS OVER ICF

NOTE:
FOLLOW ICF MANUFACTURE SPECIFICATIONS FOR PROPER ICF INSTALLATION.

FINESTONE SURFACING SYSTEM FOR INSULATED CONCRETE FORMS (ICFS)
ICF-03 TYPICAL REVEAL

- ICF SYSTEM EPS INSULATION
- INTERIOR FINISH AS SPECIFIED
- AESTHETIC REVEAL
- FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT
- FINESTONE FINISH COAT

MIN. 19 mm (3/4")

ICF-04 TYPICAL EPS SHAPE APPLICATION

- ICF SYSTEM EPS INSULATION
- FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT
- MIN. 6:12 SLOPE
- EPS AESTHETIC BAND ADHERED USING FINESTONE BASE COAT
- INTERIOR FINISH AS SPECIFIED
- FINESTONE FINISH COAT
ICF-05 TYPICAL WINDOW HEAD DETAIL (WOOD BUCK)

ICF SYSTEM EPS INSULATION
FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT
FINESTONE FINISH COAT
INTERIOR FINISH AS SPECIFIED
MIN. 6:12 SLOPE
EPS AESTHETIC BAND ADHERED USING FINESTONE BASE COAT
FLASHING
MIN. 13 mm (1/2") BACKER ROD & SEALANT
FINESTONE BASE COAT & SELF ADHERING MESH TAPE
WOOD BUCK
FLANGE MOUNT WINDOW

ICF-06 TYPICAL WINDOW JAMB DETAIL (WOOD BUCK)

ICF SYSTEM EPS INSULATION
FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT
FINESTONE FINISH COAT
INTERIOR FINISH AS SPECIFIED
EPS AESTHETIC BAND ADHERED USING FINESTONE BASE COAT
FINESTONE Sanded PRIMER ON SURFACES TO RECEIVE SEALANT
MIN. 13 mm (1/2") BACKER ROD & SEALANT
FINESTONE BASE COAT & SELF ADHERING MESH TAPE
WOOD BUCK
FLANGE MOUNT WINDOW
ICF-07 WINDOW HEAD (VINYL BUCK WITH EPS TRIM)

ICF SYSTEM EPS INSULATION
FINESCONE REINFORCING MESH EMBEDDED IN FINESCONE BASE COAT
FINESCONE FINISH COAT
INTERIOR FINISH AS SPECIFIED
MIN. 6:12 SLOPE
EPS AESTHETIC BAND ADHERED USING FINESCONE BASE COAT
FLASHING
MIN. 13 mm (1/2") BACKER ROD & SEALANT
FINESCONE BASE COAT & SELF ADHERING MESH TAPE
VINYL BUCK
FLANGE MOUNT WINDOW

ICF-08 WINDOW JAMB (VINYL BUCK WITH EPS TRIM)

ICF SYSTEM EPS INSULATION
FINESCONE REINFORCING MESH EMBEDDED IN FINESCONE BASE COAT
FINESCONE FINISH COAT
INTERIOR FINISH AS SPECIFIED
EPS AESTHETIC BAND ADHERED USING FINESCONE BASE COAT
FINESCONE Sanded PRIMER ON SURFACES TO RECEIVE SEALANT
MIN. 13 mm (1/2") BACKER ROD & SEALANT
FINESCONE BASE COAT & SELF ADHERING MESH TAPE
VINYL BUCK
FLANGE MOUNT WINDOW
FINESTONE® Finestone Surfacing System for Insulated Concrete Forms (ICFs)

ICF-09 RECESSED WINDOW HEAD/JAMB (WOOD BUCK/VINYL BUCK)

ICF-10 WINDOW SILL (WOOD BUCK WITH EPS TRIM)
ICF-11 WINDOW SILL (VINYL BUCK WITH EPS TRIM)

FLANGE MOUNT WINDOW
FINESTONE BASE COAT & SELF ADHERING MESH TAPE
MIN. 13 mm (1/2") BACKER ROD & SEALANT
MIN. 6:12 SLOPE
FINESTONE Sanded PRIMER ON SURFACES TO RECEIVE SEALANT
VINYL BUCK
EPS AESTHETIC BAND ADHERED USING FINESTONE BASE COAT
ICF SYSTEM EPS INSULATION
INTERIOR FINISH AS SPECIFIED
FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT
FINESTONE FINISH COAT

ICF-12 RECESSED WINDOW SILL (WOOD BUCK/VINYL BUCK)

RECESSED WINDOW
PAN FLASHING
WOOD OR VINYL BUCK OPTIONAL
MIN. 50 mm (2") OVER FINESTONE LAMINA
SEALANT
ICF SYSTEM EPS INSULATION
INTERIOR FINISH AS SPECIFIED
FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT
FINESTONE FINISH COAT

NOTE: PAN FLASHING MUST BE PROPERLY SEALED TO JAMBS.
ICF-13 TYPICAL PARAPET DETAIL

ICF-14 TYPICAL TRANSITION TO EXISTING WALL
ICF-15 TYPICAL PENETRATION

ICF SYSTEM EPS INSULATION
INTERIOR FINISH AS SPECIFIED

PACK AND SEAL BETWEEN SLEEVE AND PASS THROUGH PIPING WITH AN APPROVED FIRE STOP/SEALANT (SUPPLIED BY OTHERS)

PIPE SLEEVE LARGER THAN PIPE THAT WILL PASS THROUGH WALL (SUPPLIED BY OTHERS)

PIPING THROUGH ICF SYSTEM

FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT

FINESTONE FINISH COAT

ICF-16 TYPICAL TERMINATION AT FOUNDATION

ICF SYSTEM EPS INSULATION

FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT

FINESTONE FINISH COAT

MIN. 6:12 SLOPE

EPS AESTHETIC BAND ADHERED USING FINESTONE BASE COAT

FINESTONE BASE COAT & FINISH

WATER-PROOFING MEMBRANE

MIN. 203 mm (8") PER CODE

GRADE

CONCRETE SLAB

CONCRETE FOUNDATION

COMPACTED FILL

NOTE: ADHERE EPS AESTHETIC BAND TO EPS INSULATION ONLY. DO NOT ADHERE TO CONCRETE.
ICF-17 FLOORLINE (NON-COMBUSTIBLE CONSTRUCTION)

ICF SYSTEM EPS INSULATION

FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT

MIN. 6:12 SLOPE

EPS AESTHETIC BAND ADHERED USING FINESTONE BASE COAT

FINESTONE FINISH COAT

INTERIOR FINISH AS SPECIFIED

METAL DECK WITH CONCRETE FILL

CONCRETE LEDGE AS REQUIRED BY DESIGN

ICF-18 EAVE DETAIL EXPOSED TOP PLATE

MIN. 153 mm (6”)

EXPOSED TOP PLATE AS SPECIFIED

SOFFIT

SEALANT

FINESTONE REINFORCING MESH EMBEDDED IN FINESTONE BASE COAT

FINESTONE FINISH COAT

INTERIOR FINISH AS SPECIFIED
ICF-19 SLOPED ROOF/WALL INTERSECTION

NOTE:
- KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
- KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
- TERMINATE FINESTONE ICF SURFACING SYSTEM 50 mm (2") MIN. ABOVE ROOF.

ICF-20 TYPICAL KICK-OUT FLASHING DETAIL

NOTE:
- KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
- KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
- TERMINATE FINESTONE ICF SURFACING SYSTEM 50 mm (2") MIN. ABOVE ROOF.
Residential Policy

Apply wall systems in accordance with local building codes in force at the time of construction. On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. Please view the Finestone Residential Policy Bulletin on the Finestone website for a more detailed discussion of this topic.

Technical Support
Consult our Technical Services Department (1-800-221-9255) for specific recommendations concerning all other applications.

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