A face-sealed or barrier class of EIFS that is utilized over non-moisture sensitive substrates and wall systems. The Total Barrier PB can be mechanically fastened or adhered to approved substrates.

Total Barrier PB can be used on any residential or commercial project with a non-moisture sensitive substrate that will benefit from energy savings and flexible system design.

- **Energy Efficiency:** R 2.85 to R 15.2 (3/4" to 4" thickness)
- **Substrates:** Siliconized-core gypsum sheathing or cement board on steel frame or masonry walls
- **Design Elements:** Requires no control joints, can employ reveals and trims, can correct minor wall deflections, can easily upgrade impact resistance using increased mesh weight
- **Sustainability:** Low VOC, low toxicity, recycled content

Detail Directory

- Typical Total Barrier PB System - Iso TBPB-01 Pg 1
- Typical Total Barrier PB System - Top View TBPB-02 Pg 1
- Typical Window/Door Head (Flush) TBPB-03.1 Pg 2
- Typical Window/Door Head (Recessed) TBPB-03.2 Pg 2
- Typical Window/Door Head (Flush) TBPB-03.3 Pg 3
- Typical Window Sill (Flush) TBPB-04.1 Pg 3
- Typical Window Sill (Recessed) TBPB-04.2 Pg 4
- Typical Window Sill (Flush) TBPB-04.3 Pg 4
- Typical Window/Door Jamb (Flush) TBPB-05.1 Pg 5
- Typical Window/Door Jamb (Recessed) TBPB-05.2 Pg 5
- Typical Window/Door Jamb (Flush) TBPB-05.3 Pg 6
- Typical Expansion Joint TBPB-06 Pg 6
- Typical “V” Groove TBPB-07 Pg 7
- Typical EIFS @ Masonry Sill TBPB-08.1 Pg 7
- Typical EIFS @ Masonry Sill TBPB-08.2 Pg 8
- Typical Pipe Penetration TBPB-09 Pg 8
- Typical Downspout Attachment TBPB-10 Pg 9
- Typical Vent Attachment TBPB-11 Pg 9
- Typical Kickout Flashing TBPB-12 Pg 10
- Typical Window Opening Preparation TBPB-13 Pg 11
TOTAL WALL
America's EIFS And Stucco Company!

TOTAL BARRIER PB
Class PB Barrier EIFS

FRAMING
APPROVED SHEATHING

TOTAL WALL EPS RIGID FOAM BOARD
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT

BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
METAL FLASHING (By Others)

TBPB-03.3 TYPICAL WINDOW/DOOR HEAD (FLUSH)

BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT

BEVELED EPS FOAM
TOTAL WALL RIGID FOAM BOARD
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
TOTAL WALL FINISH COAT
APPROVED SHEATHING
FRAMING

TBPB-04.1 TYPICAL WINDOW SILL (FLUSH)
TOTAL WALL
America's EIFS And Stucco Company!

TOTAL BARRIER PB
Class PB Barrier EIFS

TBPB-04.2 TYPICAL WINDOW SILL (RECESSED)

TBPB-04.3 TYPICAL WINDOW SILL (FLUSH)
TOTAL WALL
America's EIFS And Stucco Company!

TOTAL BARRIER PB
Class PB Barrier EIFS

TBPB-07 TYPICAL "V" GROOVE

TBPB-08.1 TYPICAL EIFS @ MASONRY SILL
TBPB-08.2  TYPICAL EIFS @ MASONRY SILL

TBPB-09  TYPICAL PIPE PENETRATION
TOTAL BARRIER PB
Class PB Barrier EIFS

FRAMING
APPROVED SHEATHING
TOTAL WALL FINISH COAT
FASTENER & CORROSION RESISTANT SLEEVE
SEALANT UNDER HEAD OF FASTENER
DOWNSPOUT w/ STRAP
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL EPS RIGID FOAM BOARD

TBPB-10 TYPICAL DOWNSPOUT ATTACHMENT

FRAMING
APPROVED SHEATHING
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
TOTAL WALL EPS RIGID FOAM BOARD

TBPB-11 TYPICAL VENT ATTACHMENT
TOTAL BARRIER PB
Class PB Barrier EIFS

- RIBBON ADHESIVE
- STEP FLASHING (By Others)
- ROOFING (By Others)
- 2" (Min.)
- VINYL STARTER TRACK
- DIVERTER FLASHING – KICKOUT 3" (min.) & 110° ANGLE (min.)
- SEALANT AROUND DIVERTER SEAMS
- TOTAL WALL EPS RIGID FOAM BOARD
- APPROVED SHEATHING

TBPB-12  TYPICAL KICK-OUT FLASHING
TOTAL BARRIER PB
Class PB Barrier EIFS

Figure #1

Figure #2

Figure #3

Figure #4

Figure #5

Figure #6

Figure #7

TOTAL WALL EPS INSULATION BOARD
DRYWALL CUTOFF 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 (9" x 12" PIECES) IN TOTAL WALL BASE COAT AT CORNERS

MOISTURE BARRIER IS STRETCHED OVER WINDOW OPENING
WRAP MOISTURE BARRIER BACK INTO WINDOW OPENING
INSTALL WINDOW HEAD FLASHING
APPLY CAULK UNDER NAILING FLANGE OVER FIRST LAYER OF MOISTURE BARRIER TO SEAL WINDOW JAMBS AND HEAD (BUT NOT THE SILL)
INSTALL MOISTURE BARRIER OVER ENTIRE SURFACE

AT WINDOW SILL, TUCK THE SECOND LAYER OF MOISTURE BARRIER UNDER THE FIRST LAYER THAT WAS WRAPPED INTO THE WINDOW OPENING

DO NOT SEAL NAILING FLANGE TO THIS SURFACE
INSTALL SILL PAN FLASHING

TBPB-13 TYPICAL WINDOW OPENING PREPARATION
Phone: 888.702.9915  Fax: 888.702.9916  www.totalwall.com