A moisture drainable EIFS that uses Total Stop RA, a liquid-applied membrane moisture barrier to seal and protect the substrate from water intrusion. This system can be used on any substrate, including wood or gypsum sheathings, and is installed without mechanical fasteners, thereby eliminating penetrations through the moisture barrier and effectively improving installation performance.

Total Stop MD is ideal for use on any residential or commercial project demanding advanced moisture drainable design protection.

- **Energy Efficiency:** R 2.85 to R 15.2 (3/4” to 4” thickness)
- **Substrates:** Plywood, OSB, gypsum, masonry, cement board
- **Design Elements:** Requires no control joints, can employ reveals and trims, can correct minor wall deflections, easily upgraded impact resistance using increased mesh weight
- **Sustainability:** Low VOC, low toxicity, recycled content
TOTAL WALL
America's EIFS And Stucco Company!

TOTAL STOP MD
Class MD Drainage EIFS

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL FINISH COAT
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
WEATHERPROOFING TAPE (APPLIED OVER TOTAL STOP RA AND FLASHING)
DRAINAGE VENT or SEALANT w/ WEEPS SPACED @ 12” O.C.
FLASHING w/ SEALANT (By Others)

TSMD-03.1 TYPICAL WINDOW/DOOR HEAD (FLUSH)

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL FINISH COAT
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
WEATHERPROOFING TAPE
DRAINAGE OUTLET
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER

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TOTAL WALL
America's EIFS And Stucco Company!

TOTAL STOP MD
Class MD Drainage EIFS

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
TOTAL STOP RA ROLLER APPLIED
MEMBRANE MOISTURE BARRIER
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
WEATHERPROOFING TAPE (APPLIED OVER TOTAL STOP RA AND FLASHING)
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
DRAINAGE VENT or SEALANT w/ WEEPS SPACED @ 12” O.C.
FLASHING w/ SEALANT (By Others)

TSMD-03.3  TYPICAL WINDOW/DOOR HEAD (FLUSH)

BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
WEATHERPROOFING TAPE (ATTACH TO FRAME AND EXTEND OVER MOISTURE BARRIER)
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
BEVELED EPS FOAM
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL RIGID FOAM BOARD
TOTAL STOP RA ROLLER APPLIED
MEMBRANE MOISTURE BARRIER
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
APPROVED SHEATHING
FRAMING

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

TOTAL STOP MD
Class MD Drainage EIFS

WEATHERPROOFING TAPE (ATTACH TO FRAME AND EXTEND OVER MOISTURE BARRIER)

POSITIVE SLOPE ON EIFS

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

TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
APPROVED SHEATHING
FRAMING

TSMD-04.2 TYPICAL WINDOW SILL (RECESSED)

BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
BEVELED EPS FOAM
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
WEATHERPROOFING TAPE (ATTACH TO FLANGE AND EXTEND OVER MOISTURE BARRIER)
TOTAL WALL RIGID FOAM BOARD
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
APPROVED SHEATHING
FRAMING

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

TOTAL STOP MD
Class MD Drainage EIFS

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE - ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
POSITIVE PITCH ON "V" GROOVE or ANY REVEALS
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER

TSMD-07  TYPICAL "V" GROOVE

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE - ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL FINISH COAT
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
WEATHERPROOFING TAPE (ATTACH TO FLASHING AND EXTEND OVER MOISTURE BARRIER)
FLASHING AND SEALANT (By Others)

TSMD-08.1  TYPICAL EIFS @ MASONRY SILL
TOTAL WALL
America's EIFS And Stucco Company!

TOTAL STOP MD
Class MD Drainage EIFS

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
TOTAL STOP RA MOISTURE BARRIER
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL FINISH COAT
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
WEATHERPROOFING TAPE (APPLY OVER MOISTURE BARRIER AND OVER SECONDARY MOISTURE BARRIER)
SECONDARY MOISTURE BARRIER (By Others) w/ DRAINAGE @ LOWER WEEPS

TSMD-08.2 TYPICAL EIFS @ MASONRY SILL

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY VERTICAL RIBBONS OF ADHESIVE
BACK WRAP w/ TOTAL WALL MESH AND TOTAL WALL BASE COAT
WATERPROOFING TAPE AROUND PIPE
1/2" PIPE
BACKER ROD w/ SEALANT BONDED TO THE BASE COAT AND MESH LAYER
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER

TSMD-09 TYPICAL PIPE PenetRATION
TOTAL WALL
America's EIFS And Stucco Company!

TOTAL STOP MD
Class MD Drainage EIFS

RIBBON ADHESIVE DRAINAGE PLANE
STEP FLASHING (By Others)
WEATHERPROOFING TAPE (TO LAP OVER MOISTURE BARRIER & DRAINAGE TRACK)
2" (Min.)
ROOFING (By Others)

VINYL DRAINAGE TRACK
DIVERTER FLASHING – KICKOUT 3" (min.) & 110° ANGLE (min.)
SEALANT AROUND DIVERTER SEAMS
TOTAL WALL EPS RIGID FOAM BOARD
TOTAL STOP RA ROLLER APPLIED MEMBRANE MOISTURE BARRIER

TSMD-12 TYPICAL KICK-OUT FLASHING
TOTAL STOP MD
Class MD Drainage EIFS

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

Figure #6

INSTALL SILL PAN FLASHING

APPLY CAULK UNDER NAILING FLANGE OVER FIRST LAYER OF MOISTURE BARRIER TO SEAL WINDOW JAMBS AND HEAD (BUT NOT THE SILL)

Figure #7

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

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 (3" x 12" PIECES) IN TOTAL WALL BASE COAT AT CORNERS

TSMD-13  TYPICAL WINDOW OPENING PREPARATION

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