Total Lite PI is our Class PI EIFS, which uses polyisocyanurate (Quik-R) rigid foam insulation board for exceptional R-value and strength. Total Lite PI is installed over a sub-sheathing or masonry substrate and incorporates a designed drainage plane.

By using a thin coat lamina, Total Lite PI avoids the need for control joints and can be installed over any frame and sheathing substrate or masonry substrate. Available in unlimited colors and a variety of textures. Total Lite PI is a unique and versatile coating system that can be used on both commercial and residential structures.

- **Energy Efficiency:** Typical R6 per inch
- **Substrates:** Total SL Gold PM can be used on any exterior frame and sheathing or masonry wall substrate.
- **Design Elements:** Does not require control joints, includes moisture barrier and designed drainage plane.
- **Sustainability:** Low VOC, low toxicity, employs recycle content.
TLPI-01  TYPICAL CLASS PI EIFS - ISOMETRIC

DRAINAGE PLANE
FRAMING
APPROVED SHEATHING
DRAINAGE WRAP MOISTURE BARRIER
RIGID POLYISOCYANURATE FOAM BOARD
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
TOTAL WALL FINISH COAT

TLPI-02  TYPICAL CLASS PI EIFS - PLAN VIEW

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TOTAL WALL
America’s EIFS And Stucco Company!

TOTAL LITE PI
Class PI EIFS

TLPI-03.3  TYPICAL WINDOW/DOOR HEAD (FLUSH)

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

BACKER ROD w/ SEALANT BONDED TO
THE BASE COAT AND MESH LAYER

BEVELED RIGID FOAM

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

RIGID POLYISOCYANURATE FOAM BOARD

DRAINAGE WRAP MOISTURE BARRIER

DRAINAGE PLANE – ESTABLISHED BY
DRAINAGE WRAP

APPROVED SHEATHING

FRAMING

TLPI-04.1  TYPICAL WINDOW SILL (FLUSH)
TLPI-04.2 TYPICAL WINDOW SILL (RECESSED)

TLPI-04.3 TYPICAL WINDOW SILL (FLUSH)
TOTAL LITE PI
Class PI EIFS

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE - ESTABLISHED BY
DRAINAGE WRAP
DRAINAGE WRAP MOISTURE BARRIER
RIGID POLYSOCYANURATE
FOAM BOARD
TOTAL REINFORCING MESH
EMBEDDED IN TOTAL WALL SOFT
COAT BASE COAT
TOTAL WALL FINISH COAT
WEATHERPROOFING TAPE (ATTACH TO FLANGE
AND EXTEND OVER MOISTURE BARRIER)
BACK WRAP w/ TOTAL WALL MESH AND
TOTAL WALL BASE COAT
BACKER ROD w/ SEALANT BONDED TO
THE BASE COAT AND MESH LAYER

TLPI-05.3 TYPICAL WINDOW/DOOR JAMB (FLUSH) - TOP VIEW

BACK WRAP w/ TOTAL WALL MESH AND
TOTAL WALL BASE COAT
BACKER ROD w/ SEALANT BONDED TO
THE BASE COAT AND MESH LAYER

DRAINAGE WRAP MOISTURE BARRIER
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH
EMBEDDED IN TOTAL WALL SOFT
COAT BASE COAT
TOTAL REINFORCING MESH EMBEDDED IN
TOTAL WALL SOFT COAT BASE COAT
RIGID POLYSOCYANURATE
FOAM BOARD
DRAINAGE PLANE - ESTABLISHED BY
DRAINAGE WRAP
APPROVED SHEATHING
FRAMING

TLPI-06 TYPICAL EXPANSION JOINT
TOTAL LITE PI
Class PI EIFS

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY DRAINAGE WRAP
DRAINAGE WRAP MOISTURE BARRIER (TO LAP OVER SECONDARY MOISTURE BARRIER)
RIGID POLYISOCYANURATE 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
SECONDARY MOISTURE BARRIER (By Others) w/ DRAINAGE © LOWER WEEPS

TLPI-08.2 TYPICAL EIFS @ MASONRY SILL

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY DRAINAGE WRAP
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
RIGID POLYISOCYANURATE FOAM BOARD
DRAINAGE WRAP MOISTURE BARRIER

TLPI-09 TYPICAL PIPE PENETRATION
TLPI-10  TYPICAL DOWNSPOUT ATTACHMENT

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY DRAINAGE WRAP
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
RIGID POLYSYCYANURATE FOAM BOARD
DRAINAGE WRAP MOISTURE BARRIER

TLPI-11  TYPICAL VENT ATTACHMENT

FRAMING
APPROVED SHEATHING
DRAINAGE PLANE – ESTABLISHED BY DRAINAGE WRAP
TOTAL WALL FINISH COAT
TOTAL REINFORCING MESH EMBEDDED IN TOTAL WALL SOFT COAT BASE COAT
CONTINUOUS SEALANT BEAD AROUND FLANGE
WATERPROOFING TAPE AROUND PIPE
VENT
FASTENER & CORROSION RESISTANT SLEEVE
RIGID POLYSYCYANURATE FOAM BOARD
DRAINAGE WRAP MOISTURE BARRIER
DRAINAGE WRAP MOISTURE BARRIER (TO LAP OVER STEP FLASHING & DRAINAGE TRACK)

STEP FLASHING (By Others)

2" (Min.)

ROOFING (By Others)

VINYL DRAINAGE TRACK

DIVERTER FLASHING – KICKOUT 3° (min.) & 110° ANGLE (min.)

SEALANT AROUND DIVERTER SEAMS

RIGID POLYISOCYANURATE FOAM BOARD

TLPI-12  TYPICAL KICK-OUT FLASHING
TOTAL LITE PI
Class PI EIFS

Figure #1

CUT MOISTURE BARRIER

Figure #3

DO NOT SEAL NAILING FLANGE TO THIS SURFACE

Figure #5

TOTAL WALL EPS INSULATION BOARD DRYWALL CUT EPS BOARDS AT WINDOW AND DOOR CORNERS

Figure #7

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

INSTALL MOISTURE BARRIER OVER ENTIRE SURFACE

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

INSTALL WINDOW SILL PANT FLASHING

MOISTURE BARRIER IS STRETCHED OVER WINDOW OPENING

WRAP MOISTURE BARRIER BACK INTO WINDOW OPENING

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

TLPI-13 TYPICAL WINDOW OPENING PREPARATION

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