# TABLE OF CONTENT

**BRICK - UNINSULATED STEEL STUD**
- A - CURTAIN WALL .................................................. PAGE 22 @ 29
- B - FIRE STOP ...................................................... PAGE 30 @ 32
- C - CROSS SECTION ................................................. PAGE 2

**BRICK - CONCRETE BLOCK**
- A - FIRE STOP ...................................................... PAGE 33
- B - CROSS SECTION ................................................. PAGE 3

**CLADDING**
- A - CURTAIN WALL .................................................. PAGE 54 @ 59
- B - FIRE STOP ...................................................... PAGE 45 @ 52

**MORE THAN 3 STORIES BUILDINGS**
- WITHOUT BRICK (3.2.3.8.) ....................................... PAGE 48
- FOUNDATIONS ........................................................ PAGE 4,5,34,35,44,61

**OPTIONS** .......................................................... PAGE 60 @ 81
SYSTEM SECTION

STEEl STUD WALL

BRICK 3/4"
AIR SPACE 1"
HEATLOK HFO PRO 3"
EXTERIOR SHEATING 1/2"
STEEL STUD @ 16" c/c 4"
INTERIOR FINISH 1/2"

RELATED DETAILS
CURTAIN WALLS : PAGE 75 @ 80
FIRE STOP : PAGE 30 @ 32
SIDING : PAGE 44 @ 59
FIRE STOP SIDING : PAGE 45 @ 52
SYSTEM SECTION

CONCRETE BLOCK WALL

RELATED DETAILS

FIRE STOP : PAGE 33
SIDING : PAGE 53

PAGE 34
PAGE 35

PAGE 36

PAGE 38

PAGE 39

PAGE 42

BRICK 3 1/2"
AIR SPACE 1"
HEATLOK HFO PRO 3"
CONCRETE BLOCK 5 1/2"

SCALE : 1:20

30-05-2023
INFERMEDIATE EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

HEATLOK HFO PRO

THRU-WALL-FLASHING

RIGID BOARD INSULATION INSERTED IN THE FOUNDATION, 24" BELOW GROUND LEVEL

STEEL STUD GAUGE 20, @ 16" C/C

OPTION : PAGE 62

THROUGH WALL MEMBRANE AT FOUNDATION WALL JUNCTION

STEEL STUD WALL
PRIMED Z-BAR, OVERLAPPED SEALED JOINTS

HEATLOK HFO PRO

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

MEMBRANE INSTALLED BEFORE SPRAY FOAM

THERMAL BREAK

STEEL STUD GAUGE 20, @ 16" C/C

RIGID BOARD INSULATION INSERTED IN THE FOUNDATION, 24" BELOW GROUND LEVEL

FLEXIBLE FLASHING ON "Z" BAR

STEEL STUD WALL
NOTE:
- Seal the plywood joints with membrane or with sealant
- Premembraned plywood before plywood installation

OPTIONS: PAGE 63
PAGE 64
PAGE 65
PAGE 66
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16'' C/C

PLYWOOD (SEE NOTE)

CAULKING WITH BACKER ROD AT PERIMETER

ONE COMPONENT PORTABLE POLYURETHANE FOAM

SELF-ADHESIVE MEMBRANE

HEATLOK HFO PRO

NOTE:
- Seal the plywood joints with membrane or with sealant
- Premembraned plywood before plywood installation

OPTION: PAGE 67

WINDOW JAMB

STEEL STUD WALL
NOTE:
- Thru-wall flashing exceed 8" both sides of the opening
- Seal the plywood joints with membrane or with sealant

OPTIONS: PAGE 68
PAGE 69
NOTE:
- Thru-wall flashing exceed 8" both sides of the opening
- Seal the plywood joints with membrane or with sealant

TOP OF WINDOW - SUPPORTED FLASHING

HEATLOK HFO PRO

THRU-WALL-FLASHING (SEE NOTE)

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

THERMAL BREAK

PLYWOOD

SELF-ADHESIVE MEMBRANE

CAULKING WITH BACKER ROD AT PERIMETER

ONE COMPONENT PORTABLE POLYURETHANE FOAM

OPTIONS: PAGE 68
PAGE 69
STEEL STUD GAUGE 20, @16'' C/C
INTERMEDIARY EXTERIOR PANEL, SCREW: 6'' ON PERIMETER AND 12'' ON CENTRE
HEATLOK HFO PRO
ONE COMPONENT PORTABLE POLYURETHANE FOAM
CAULKING WITH BACKER ROD AT PERIMETER
SELF-ADHESIVE MEMBRANE
STEEL STUD GAUGE 20, @16'' C/C

CLIP WINDOW SILL

SCALE: 1:2.5

STEEL STUD WALL
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

SELF-ADHESIVE MEMBRANE

ONE COMPONENT PORTABLE POLYURETHANE FOAM

CAULKING WITH BACKER ROD AT PERIMETER

HEATLOK HFO PRO

CLIP WINDOW JAMB

STEEL STUD WALL

SCALE: 1:2.5
CAULKING WITH BACKER ROD AT PERIMETER

ONE COMPONENT PORTABLE POLYURETHANE FOAM

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

NOTE: Thru-wall flashing exceed 8" both sides of the opening

TOP OF CLIP WINDOW

STEEL STUD WALL
BEAM DEFLECTION

STEEL STUD WALL

METAL SHEET

HEATLOK HFO PRO

SELF-ADHESIVE MEMBRANE

3" MIN.
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

HEATLOK HFO PRO

SELF-ADHESIVE MEMBRANE
FLOOR JUNCTION

STEEL STUD WALL

SELF-ADHESIVE MEMBRANE

HEATLOK HFO PRO

FIRE STOP CAL. 28 MIN. REQUIRED IF AIR SPACE > 1"

SCALE: 1:5
Page 15
30-05-2023
HEATLOK SOYA HFO

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

METAL Z FLASHING SUPPORT BETWEEN THE LINTEL SUPPORT CHANNELS WITH THE SAME DEPTH AS THE LATTER

ADDITIONAL FLASHING PRIOR LINTEL INSTALLATION

ONE COMPONENT PORTABLE POLYURETHANE FOAM

SELF-ADHESIVE MEMBRANE

CAULKING WITH BACKER ROD AT PERIMETER

PLYWOOD (SEE NOTE)

NOTE:
- Seal the plywood joints with membrane or with sealant
- It is important to fill and cover all steel components to cut thermal bridges. Apply additional 12mm urethane thickness over the surface of lintel support channels for sealing and cutting thermal bridges.
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

METAL Z FLASHING SUPPORT BETWEEN THE LINTEL SUPPORT CHANNELS WITH THE SAME DEPTH AS THE LATTER

FIRESTOP REQUIRED IF AIR SPACE > 1"

NOTE:
It is important to fill and cover all steel components to cut thermal bridges.
apply additional $\frac{1}{2}$" urethane thickness over the surface of lintel support channels for sealing and cutting thermal bridges.
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

HEATLOK HFO PRO

PRIMER FOR OILY AND PVC SURFACES

STEEL STUD GAUGE 20, @ 16" C/C

½" MAX.

OPTION: PAGE 70

DETAIL AT WALL PENETRATION

STEEL STUD WALL
HEATLOK HFO PRO

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

DETAIL AT JUNCTION OF COLUMN AND WALL

STEEL STUD WALL
SELF-ADHESIVE MEMBRANE

HEATLOK HFO PRO

MEMBRANE 1" SHORTER THAN POLYURETHANE

BALCONY JUNCTION, SLAB

STEEL STUD WALL
DETAIL AT SUPPORT BEAM, PARAPET

STEEL STUD WALL

HEATLOK HFO PRO

SELF-ADHESIVE MEMBRANE

SCALE: 1:5

OPTION : PAGE 72
CURTAIN WALL SILL - BRICK

STEEL STUD WALL

POLYISOCYANurate PANEL

SELF-ADHESIVE MEMBRANE

HEATLOK HFO PRO

½"

SCALE: 1:2.5
TOP OF CURTAIN WALL - BRICK

STEEL STUD WALL

HEATLOK HFO PRO

POLYISOCYANURATE PANEL

CAULKING WITH BACKER ROD AT PERIMETER

SELF-ADHESIVE MEMBRANE

1/2"

3" MIN.

10" MIN.
HEATLOK HFO PRO

3" MIN.

10" MIN.

METAL SHEET

POLYISOCYANURATE PANEL

TOP OF CURTAIN WALL
- BRICK

STEEL STUD WALL
Note: Fire break is necessary only if the airspace is over 1"
Note: Fire break is necessary only if the airspace is over 1"
**FIRE STOP DETAIL**

**STEEL STUD WALL**

- **Note:** Fire break is necessary only if the airspace is over 1".

**Z BAR 28 CAL. MIN.**
**FIRE STOP REQUIRED**
**IF AIRSPACE > 1"**

**OVERLAPED AND SEALED JOINT**

**METAL SHEET**

**3" MIN.**

**HEATLOK SOYA HFO**

**SELF-ADHESIVE MEMBRANE**

**SCALE:** 1:5

Page 32

30-05-2023

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Note: Fire break is necessary only if the airspace is over 1"
HEATLOK HFO PRO

THRU-WALL-FLASHING

RIGID BOARD INSULATION INSERTED IN THE FOUNDATION, 24" BELOW GROUND LEVEL

CONCRETE BLOCK WALL

THROUGH WALL MEMBRANE AT FOUNDATION WALL JUNCTION
PRIMED Z-BAR, OVERLAPPED SEALED JOINTS

HEATLOK HFO PRO

MEMBRANE INSTALLED BEFORE SPRAY FOAM

RIGID BOARD INSULATION INSERTED IN THE FOUNDATION, 24" BELOW GROUND LEVEL

THROUGH WALL MEMBRANE AT FOUNDATION WALL JUNCTION

CONCRETE BLOCK WALL

SCALE : 1:5

Page 35

30-05-2023
NOTE:
- Seal the plywood joints with membrane or with sealant
- Premembraned plywood before plywood installation

WINDOW SILL

CONCRETE BLOCK WALL
NOTE:
- Seal the plywood joints with membrane or with sealant
- Premembraned plywood before plywood installation
NOTE:
- Thru-wall flashing exceed 8" both sides of the opening
- Seal the plywood joints with membrane or with sealant
- Premembraned plywood before plywood installation
HEATLOK HFO PRO

PRIMER FOR OILY AND PVC SURFACES

INJECT HSS TUBE, ⅜" HOLES @ 16" c/c (IF <R-12 EXT.)

½" MAX.

DETAIL AT WALL PENETRATION

CONCRETE BLOCK WALL
DETAIL AT JUNCTION OF COLUMN AND WALL

CONCRETE BLOCK WALL

SCALE: 1:5

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DETAIL AT SUPPORT BEAM, PARAPET

CONCRETE BLOCK WALL

METAL SHEET
HEATLOK HFO PRO
SELF-ADHESIVE MEMBRANE
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

¾" MIN.

HEATLOK HFO PRO

½" MIN.

NOTE: All sprayed membrane must be installed before the installation of the "z" bars.
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

½" MIN.

PERFORATED Z BAR
WITHOUT PRIMER OR Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

HEATLOK HFO PRO

OVERLAPED AND SEALED JOINT

- PARGING
- CONCRETE PANEL
- Z-BAR

½" MIN. 2½"

EXTERIOR FOUNDATION

STEEL STUD WALL
FIRE STOP REQUIRED ONLY IF AIRSPACE > 1"

NOTE:
- THIS ASSEMBLY CAN SAVE 3/4" OF THE THICKNESS OF THE WALL.
- IF THE METALLIC SIDING HAS AN OXLUTION MAX. OF 1/2", THE FIRE STOP ARE NOT REQUIRED.

NOTE:
STOP THE EXTERIOR SIDING AT EACH FIRE STOP TO LET THE FLASHING OUT

THE FIRE STOP CAN BE ALIGNED WITH THE WINDOW PANEL.

CROSS SECTION
FIRE STOP REQUIRED ONLY IF AIRSPACE >1"

NOTE:
- THIS ASSEMBLY CAN SAVE $\frac{3}{4}''$ OF THE TICKNESS OF THE WALL.
- IF THE METALLIC SIDING AS AN ONdULATION MAX. OF $\frac{1}{2}''$, THE FIRE STOP ARE NOT REQUIRED.

NOTE:
STOP THE EXTERIOR SIDING AT EACH FIRE STOP TO LET THE FLASHING OUT

THE FIRE STOP CAN BE ALIGNED WITH THE WINDOW PANEL.

CROSS SECTION
CONFORMITY WITH 3.2.3.8. ARTICLE
INTERTEK TEST REPORT
#101442944COQ-001

3.2.3.8. BUILDINGS OF MORE THAN 3 STORIES (NBC 3.2.3.8.)

THERMAL BREAK
(CELLULOSE BAND
PANFAB)

CROSS SECTION
PLAN: VERTICAL FIRE STOP

CROSS SECTION: HORIZONTAL FIRE STOP

PERFORATED Z BAR WITHOUT PRIMER OR Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

HEATLOK SOYA HFO

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

1"

STEEL STUD GAUGE 20, @ 16" C/C

Note: Fire break is necessary only if the airspace is over 1"

FIRE STOP DETAIL

SCALE: 1:5

STEEL STUD WALL
Note: Fire break is necessary only if the airspace is over 1"

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

PERFORATED Z BAR WITHOUT PRIMER OR Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

HEATLOK SOYA HFO

CROSS SECTION: HORIZONTAL FIRE STOP - HORIZONTAL SIDING

PERFORATED Z BAR WITHOUT PRIMER OR Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

STEEL STUD GAUGE 20, @ 16" C/C

PLAN: VERTICAL FIRE STOP - HORIZONTAL SIDING

FIRE STOP DETAIL

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SCALE: 1:5

Page 50

30-05-2023

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Note: Fire break is necessary only if the airspace is over 1"

INTERMEDIARY EXTERIOR PANEL,
SCREW: 6" ON PERIMETER AND 12" ON CENTRE

3½"
3"

PERFORATED Z BAR WITHOUT PRIMER OR Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

STEEL STUD GAUGE 20, @ 16" C/C

PERFORATED Z BAR WITHOUT PRIMER OR Z BAR WITH PRIMER FOR OILY AND PVC SURFACES
Note: Fire break is necessary only if the airspace is over 1".

INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

HEATLOK SOYA HFO

Z BAR WITH PRIMER FOR OILY AND PVC SURFACES

NOTE: All sprayed membrane must be installed before the installation of the "z" bars.

DOUBLE Z-BAR

STEELE STUD WALL
NOTE: All sprayed membrane must be installed before the installation of the "z" bars.
NOTE: Seal the plywood joints with membrane or with sealant
NOTE: Seal the plywood joints with membrane or with sealant
NOTE: Seal the plywood joints with membrane or with sealant

TOP OF CURTAIN WALL - SIDING

STEEL STUD WALL
OVERLAPPED AND SEALED JOINT
HEATLOK HFO PRO

POLYISOCYANURATE PANEL

SELF-ADHESIVE MEMBRANE

CAULKING WITH BACKER ROD AT PERIMETER

½" MAX

CURTAIN WALL SILL - SIDING

STEEL STUD WALL
CURTAIN WALL JAMB - SIDING

HEATLOK HFO PRO

CAULKING WITH BACKER ROD AT PERIMETER

POLYISOCYANURATE PANEL

STEEL STUD WALL
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE
HEATLOK HFO PRO
THRU-WALL-FLASHING
RIGID BOARD INSULATION INSERTED IN THE FOUNDATION, 24" BELOW GROUND LEVEL

STEEL STUD GAUGE 20, @ 16" C/C

FLEXIBLE FLASHING MECHANICALLY FASTENED

STEEL STUD WALL
RIGID BOARD INSULATION INSERTED IN THE FOUNDATION, 24" BELOW GROUND LEVEL

MEMBRANE INSTALLED BEFORE SPRAY FOAM

MECHANICAL FASTENING, GYPSUM BOARD CORNER BEAD 1¼" X 1¼", SCREW @ 16" C/C

HEATLOK HFO PRO

SEE RECOMMENDED DETAILS: PAGE 4 PAGE 5

FLEXIBLE FLASHING MECHANICALLY FASTENED

STEEL STUD WALL
STEEL STUD GAUGE 20, @ 16'' C/C
INTERMEDIARY EXTERIOR PANEL, SCREW: 6'' ON PERIMETER AND 12'' ON CENTRE
HEATLOK HFO PRO
ONE COMPONENT PORTABLE POLYURETHANE FOAM
CAULKING WITH BACKER ROD AT PERIMETER
SELF-ADHESIVE MEMBRANE (SEE NOTE)
SELF-ADHESIVE MEMBRANE
MECHANICAL FASTENING, GYPSUM BOARD CORNER BEAD 1¼'' X1¼'', SCREW @ 16'' C/C

NOTE:
- Rise the self-adhesive membrane 3'' on the jamb
- Window rough opening sill same depth as spray polyurethane foam thickness

SEE RECOMMENDED DETAILS : PAGE 6

WINDOW SILL

STEEL STUD WALL

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SCALE: 1:2.5
106x266
120x252
214x237
147x297
425x288
424x274
106x266
120x252
214x237
147x297
425x288
424x274
STEEL STUD GAUGE 20,
@ 16" C/C

INTERMEDIARY EXTERIOR PANEL,
SCREW: 6" ON PERIMETER AND
12" ON CENTRE

ONE COMPONENT PORTABLE
POLYURETHANE FOAM

CAULKING WITH
BACKER ROD AT
PERIMETER

HEATLOK HFO PRO

SELF-ADHESIVE
MEMBRANE

PLYWOOD
(SEE NOTE)

NOTE:
- Seal the plywood joints with membrane or with sealant
- Window rough opening sill same depth as spray polyurethane foam thickness

SEE RECOMMENDED DETAILS : PAGE 6

WINDOW SILL

STEEr STUD WALL
STEEL STUD GAUGE 20, @ 16'' C/C

INTERMEDIARY EXTERIOR PANEL, SCREW: 6'' ON PERIMETER AND 12'' ON CENTRE

HEATLOK HFO PRO

ONE COMPONENT PORTABLE POLYURETHANE FOAM

CAULKING WITH BACKER ROD AT PERIMETER

SELF-ADHESIVE MEMBRANE

PLYWOOD (SEE NOTE)

SEALANT

NOTE:
- Seal the plywood joints with membrane or with sealant
- Window rough opening sill same depth as spray polyurethane foam thickness

SEE RECOMMENDED DETAILS: PAGE 6

WINDOW SILL

SCALE: 1:2.5

30-05-2023
NOTE:
- Seal the plywood joints with membrane or with sealant
- Window rough opening sill same depth as spray polyurethane foam thickness

SEE RECOMMENDED DETAILS : PAGE 6

WINDOW SILL
NOTE:
- Thru-wall flashing exceed 8" both sides of the opening
- Window rough opening head and jamb ½" shorter than spray polyurethane foam thickness
- Rise the self-adhesive membrane 3" on the jamb

SEE RECOMMENDED DETAILS : PAGE 7

WINDOW JAMB

STEEL STUD WALL

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INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

THERMAL BREAK

HEATLOK HFO PRO

THRU-WALL-FLASHING (SEE NOTES)

PLYWOOD

CAULKING WITH BACKER ROD AT PERIMETER

SELF-ADHESIVE MEMBRANE

ONE COMPONENT PORTABLE POLYURETHANE FOAM

NOTE:
- Thru-wall flashing exceed 8" both sides of the opening
- Window rough opening head and jamb ½" shorter than spray polyurethane foam thickness
- Rise the self-adhesive membrane 3" on the jamb

SEE RECOMMENDED DETAILS : PAGE 8 PAGE 9

TOP OF WINDOW - SUPPORTED FLASHING

STEEL STUD WALL
NOTE:
- Thru-wall flashing exceed 8" both sides of the opening
- Window rough opening head and jamb ½" shorter than spray polyurethane foam thickness
- Rise the self-adhesive membrane 3" on the jamb

SEE RECOMMENDED DETAILS: PAGE 8
PAGE 9
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" PERIMETER AND 12" ON CENTRE

HEATLOK HFO PRO

PRIMER FOR OILY AND PVC SURFACES

SEALANT

SELF-ADHESIVE MEMBRANE

STEEL STUD GAUGE 20, @ 16" C/C

SEE RECOMMENDED DETAILS: PAGE 18

DETAIL AT WALL PENETRATION WITH MEMBRANE SEALANT

STEEL STUD WALL
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

LEAVE A STEEL STRIP EXPOSED

SELF-ADHESIVE MEMBRANE

HEATLOK HFO PRO

SEE RECOMMENDED DETAILS : PAGE 19

DETAIL AT JUNCTION COLUMN AND WALL WITH TRANSITION MEMBRANE

SCALE: 1:5

STEEL STUD WALL
OPTION

DETIAL AT SUPPORT BEAM, PARAPET

METAL SHEET

HEATLOK HFO PRO

SELF-ADHESIVE MEMBRANE

SEE RECOMMENDED DETAILS : PAGE 21

STEEL STUD WALL
STEEL STUD GAUGE 20, @ 16" C/C
INTERMEDIARY EXTERIOR PANEL, SCREW: 6" ON PERIMETER AND 12" ON CENTRE

Z > 3" + ⅓" HEATLOK HFO PRO

THE HOLE SIZE DEPEND ON THE STEEL GAUGE AND THE SIDING TYPE

PERFORATED Z BAR WITHOUT PRIMER

NOTE: IF THE Z-BAR IS PERFORATED, NO PRIMER IS REQUIRED
NOTE:
- Seal the plywood joints with membrane or with sealant.
- This detail requires good coordination between the subcontractors and requires the installation of the curtain wall before the insulation is installed.
- The polystyrene (polyisocyanurate panel) must be rigid and in continuous compression with the pressure plate. Its minimum thickness is the same as glass.
NOTE:

- Seal the plywood joints with membrane or with sealant
- This detail requires good coordination between the subcontractors and requires the installation of the curtain wall before the insulation is installed
- The polystyrene (polyisocyanurate panel) must be rigid and in continuous compression with the pressure plate. Its minimum thickness is the same as glass
NOTE:
- Seal the plywood joints with membrane or with sealant
- This detail requires good coordination between the subcontractors and requires the installation of the curtain wall before the insulation is installed
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NOTE:

- Seal the plywood joints with membrane or with sealant
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- This detail requires good coordination between the subcontractors and requires the installation of the curtain wall before the insulation is installed
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NOTE:

- Seal the plywood joints with membrane or with sealant
- This detail requires good coordination between the subcontractors and requires the installation of the curtain wall before the insulation is installed
- The polystyrene (polyisocyanurate panel) must be rigid and in continuous compression with the pressure plate. Its minimum thickness is the same as glass
INTERMEDIARY EXTERIOR PANEL, SCREW: 6"
ON PERIMETER AND 12" ON CENTRE

STEEL STUD GAUGE 20, @ 16" C/C

ONE COMPONENT PORTABLE
POLYURETHANE FOAM

SELF-ADHESIVE MEMBRANE

CAULKING WITH BACKER ROD
AT PERIMETER

CLIP WINDOW JAMB
38MM HEATLOK SOYA

STEEL STUD WALL

SCALE: 1:2.5

Page 81
30-05-2023