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# THERM+ H-I 76

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## Optionals Cover Profiles

### Aluminum Cover Profiles

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### Special Aluminum Cover Profiles

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### Wood Cover Profile

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## Details

**Title:** THERM+ H-I - 76/80mm COVER PROFILES

<table>
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<tr>
<th>Drawing By:</th>
<th>M. Lavoie</th>
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<td>M. Lavoie</td>
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ADVICE

- IC2 TECHNOLOGIES RECOMMEND 15mm COVER PROFILE ON VERTICAL MULLIONS AND 12mm COVER PROFILES ON HORIZONTAL TRANSOMS FOR A BETTER FINISH;

VERTICAL SYSTEM (MULLION)

HORIZONTAL SYSTEM (TRANSOM)

DETAILS

Title: THERM+ H-I 76/80mm COVER PROFILE & DOUBLE GLAZING
DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-23
Page: 2.1.1

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ADVICE
- IC2 TECHNOLOGIES RECOMMEND 15mm COVER PROFILE ON VERTICAL MULLIONS AND 12mm COVER PROFILES ON HORIZONTAL TRANSOMS FOR A BETTER FINISH;

DETAILS
Title: THERM+ H-I 76/80mm COVER PROFILE & TRIPLE GLAZING
DRAWING BY: M. LAVOIE
UPDATE: 2019-04-23
Page: 2.1.2
VERTICAL SYSTEM (MULLION)

HORIZONTAL SYSTEM (TRANSOM)

DETAILS

Title: THERM+ H-I 76/80mm
WOOD COVER PROFILE & DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M.LAVOIE
Date: 2019-04-23

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VERTICAL SYSTEM (MULLION)

HORIZONTAL SYSTEM (TRANSOM)

DETAILS

THERM+ H-I 76/80mm
WOOD COVER PROFILE & TRIPLE GLAZING

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ADVICE
- IC2 TECHNOLOGIES RECOMMEND 15mm COVER PROFILE ON VERTICAL MULLIONS AND 12mm COVER PROFILES ON HORIZONTAL TRANSOMS FOR A BETTER FINISH;

DETAILS
Title: THERM+ H-I 76/80mm
DETAIL OF PERIMETER SYSTEM
DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE
Date: 2019-04-23
Page: 2.1.5

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MANDATORY USE OF GASKET 56 TO RESPECT 16mm REQUIRED GLASS BITE

REQUIRED GLASS BITE
16 [5/8"]

VARES

12 [1/2’’]

56 [2 1/4’’]

80 [3 1/8’’]

MIN. 34 [1 3/8’’]

16 [5/8’’]

24 [1’’]

12 [1/2’’]
RECOMMENDATION

- IC2 TECHNOLOGIES RECOMMEND A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS TO BE VALIDATED BY AN ENGINEER.
RECOMMENDATION

- IC2 TECHNOLOGIES RECOMMEND A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS TO BE VALIDATED BY AN ENGINEER.
VERTICAL SYSTEM (MULLION)

HORIZONTAL SYSTEM (TRANSOM)

RECOMMENDATION

- IC2 TECHNOLOGIES RECOMMEND A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS TO BE VALIDATED BY AN ENGINEER.

DETAILS

Title: THERM+ H-I - SG2 SYSTEM WITH SUCTION DISC - DOUBLE GLAZING

DRAWING BY: M. LAVOIE

UPDATE: M. LAVOIE Date: 2019-04-23
VERTICAL SYSTEM (MULLION)

HORIZONTAL SYSTEM (TRANSOM)

RECOMMENDATION

- IC2 TECHNOLOGIES RECOMMEND A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS TO BE VALIDATED BY AN ENGINEER.
Details

Title: TYPICAL SPANDREL PANEL

Composition Type, Par Autres
- Spandrel panel by IC2 Technologies inc.
- 16mm Air Space (Raico’s Interior Joint)
- Self-adhesive vapour barrier membrane Sopraseal Stick 1100T - Soprema
- 12.7mm [1/2"] Thick Plywood.
- Wood Stud
- Fiber glass insulation
- Wood Forense 1”x3”
- Interior finish chosen by the architect.

Spandrel panel by IC2 Technologies
- Extruded polystyrene insulation, variable thickness
- 3.2mm thick aluminum sheet, color to choose by the architect.

Self-adhesive vapour permeable and air barrier membrane Sopraseal Stick VP - Soprema by IC² Technologies inc.

Raico Sealant #952015

Aluminum or wood cover profile

Drawing by: M. Lavoie
Update: M. Lavoie Date: 2019-04-23

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*CAUTION*
IC² Technologies don't recommend to use steel return on isolated back pans curtain wall. This method could result in a high risk of condensation at the edge of the adjacent glazing. They can create a thermal bridge and cool the aluminum base profile. We suggest to use rigid insulation at the perimeter of the isolated back pans curtain wall to compensate the glass thickness. We can also use exterior spandrel glass assembled in sealed units in front of the isolated back pans curtain wall.
STRUCTURAL TIMBER CURTAIN WALL

REGULAR MULLION

COVER PROFILE

VARIES

16 [5/8]

80 [3 1/8]

VARIABLE

76 [3]

SPANDREL PANEL BY IC² TECHNOLOGIES

- EXTRUDED POLYSTYRENE INSULATION, VARIABLE THICKNESS
- 3.2mm THICK ALUMINUM SHEET, COLOR CHOSEN BY THE ARCHITECT.

COVER PROFILE

VARIES

40 [1 5/8]

40 [1 5/8]

VARIABLE

20 [3/4]

VARIABLE

76 [3]

76 [3]

SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

STRUCTURAL TIMBER CURTAIN WALL

COLUMN WITH 2 RAICO SYSTEMS

DETAILS

Title: THERM+ H-I 76/80

STRUCTURAL SYSTEM

DRAWING BY: M. LAVOIE

UPDATE: M. LAVOIE

Date: 2019-04-23

Page: 3.1

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SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION. TO BE PAINTED, BY IC² Technologies inc.

SECTION DETAIL

 DETAILS

Title : THERM+ H-I 76/80 WOOD COLUMN CORNER

DRAWING BY : M. LAVOIE

UPDATE : M. LAVOIE Date : 2019-04-23

Page : 4.1.1.1

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SECTION DETAIL

- **THERM+ H-I 76/80**
- **INSULATED COLUMN CORNER**

- **Details:**
  - **Materials:**
    - **3.2mm thick aluminum sheet with extruded polystyrene insulation,** to be painted, by IC² Technologies Inc.
    - **Rock wool insulation as Curtain Rock by ROXUL, by others**
    - **Self-adhesive vapor permeable and air barrier membrane SOPRASEAL STICK VP - SOPREMA by IC² Technologies inc.**
    - **Raico sealant**

- **Drawings by:**
  - M. Lavoie

- **Update:**
  - M. Lavoie
  - Date: 2019-04-23

---

**SECTION DETAIL**
3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION. TO BE PAINTED, BY IC² Technologies inc.

SECTION DETAIL

DETAILS

Title: THERM+ H-I 76/80
45° MULLION CORNER

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-10

Page: 4.1.1.3

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STEEL COLUMN IS NECESSARY IF D1 > 500 mm [19 11/16"] SUPPLIED AND INSTALLED BY IC2 TECHNOLOGIES

DISTANCE D2 TO BE DETERMINED BY ENGINEER

BACKER ROD AND STRUCTURAL SILICONE JOINT

SECTION DETAIL
SECTION DETAIL

BACKER ROD AND STRUCTURAL SILICONE JOINT

45° MULLION

VARES

80 [3 1/8"]

VARES

80 [3 1/8"]

THERM+ H-I 76/80
COLUMN WITH WOOD COLUMN

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SECTION DETAIL

ALUMINUM DOOR
5020 SERIES BY ALUMICO

ALUMINUM DOOR
THRESHOLD AND
MORTAR

GALVANIZED STEEL ANGLE BY
OTHERS

ROUGH OPENING

THERM+ H-1 76/80
ALUMINUM DOOR - ALUMICO - DOUBLE GLAZING
HDPE BLOCK SEALED AND INSTALLED BY OTHERS

ALUMINUM DOOR
5020 SERIES BY ALUMICO

ALUMINUM DOOR
THRESHOLD AND MORTAR

GALVANIZED STEEL ANGLE BY OTHERS

ROUGH OPENING

THERM+ H-I 76/80
ALUMINUM DOOR - ALUMICO - TRIPLE GLAZING
ALUMINUM DOOR
5020 SERIES BY ALUMICO

ROUGH OPENING

PLAN DETAIL

THERM+ H-I 76/80
ALUMINUM DOOR - ALUMICO - DOUBLE GLAZING
WOOD DOOR WITH ALUMINUM CLADDING BY LEMBERC
OPENING TYPE: IN-SWING

NOTE:
WOOD: AVAILABLE IN THE SAME SPECIES AS IC² Technologies TIMBER CURTAIN WALLS.
GLASS: AVAILABLE WITH DOUBLE GLAZING.
ALUMINUM: COLOR PER SPECS

THRESHOLD DOOR

ROUGH OPENING

SECTION DETAIL

DETAILS

Title: THERM+ H-I 76/80
WOOD DOOR - LEMBERC - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-23
Page: 5.2.1
NOTE:
WOOD: AVAILABLE IN THE SAME SPECIES AS IC² Technologies TIMBER CURTAIN WALLS.
GLASS: AVAILABLE WITH DOUBLE GLAZING.
ALUMINUM: COLOR PER SPECS

WOOD DOOR WITH ALUMINIUM CLADDING BY LEMBERC
OPENING TYPE: IN-SWING

PLAN DETAIL
LIFT AND SLIDE DOOR ELEVATION

PORTE LEVANTE-COULISSANTE PAR IC2 TECHNOLOGIES
ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER PROFILES

CLEAR ANODIZED INTERIOR HANDLE AND EXTERIOR FLUSH PULL PAINT WITH THE SAME COLOR AS COVER PROFILE

PLAN DETAIL

TOP TRACK CLEAR ANODIZED

ALUMINUM THRESHOLD DOOR (SEE SECTION DETAIL FOR MORE INFORMATIONS)
LIFT AND SLIDE DOOR BY IC2 TECHNOLOGIES

BASE TRACK CLEAR ANODIZED
1.6mm THICK ALUMINUM SHEET PAINTED THE SAME COLOR AS THE COVER PROFILES

Aluminum profile painted the same color as the cover profiles

38 mm [1 1/2"] THICK EXPANSED POLYSTYRENE INSULATION & 1.6 mm THICK ALUMINUM SHEET PAINTED THE SAME COLOR AS THE COVER PROFILES

Connection profile at the opening perimeter according to the filling thickness by IC2 Technologies

Top track clear anodized

Lift and slide door by IC2 Technologies

Section detail

5.3.3

Details

Title: THERM+ H-I 76/80
Wood lift and slide door - IC² TEC - TRIPLE GLAZING

Drawing by: M. Lavoie

Update: M. Lavoie Date: 2019-04-23

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ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER Profiles

TOP TRACK CLEAR ANODIZED

ALUMINUM THRESHOLD DOOR (SEE SECTION DETAIL FOR MORE INFORMATIONS)

CLEAR ANODIZED INTERIOR HANDLE AND EXTERIOR FLUSH PULL PAINT WITH THE SAME COLOR AS COVER PROFILE

PLAN DETAIL

 DETAILS

Title: THERM+ H-I 76/80
WOOD LIFT AND SLIDE DOOR - IC² TECH - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-23

Page: 5.3.4

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ROUGH OPENING

80 [3 1/8"]

4 [1/8”]

25 [1”]

SETTING BLOCK AND SEALANT BY OTHERS

ALUMINUM WINDOW 8500 TI SERIES BY ALUMICO

SECTION DETAIL

DETAILS

Title: THERM+ H-I 76/80
ALUMINUM WINDOW - ALUMICO - DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: 2019-04-23

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ROUGH OPENING

SECTION DETAIL

ALUMINUM WINDOW
8500 TI SERIES BY ALUMICO

HDPE BLOCK SEALED AND INSTALLED BY OTHERS

HDPE BLOCK SEALED AND INSTALLED BY OTHERS

THERM+ H-I 76/80
ALUMINUM WINDOW - ALUMICO - TRIPLE GLAZING

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ROUGH OPENING

ALUMINUM WINDOW
8500 TI SERIES BY ALUMICO

SETTING BLOCK AND SEALANT BY OTHERS

PLAN DETAIL
AVAILABLE WITH TRIPLE GLAZING
SECTION DETAIL

DETAILS

Title: THERM+ H-I 76/80
ALUMINUM WINDOW - ALUMICOR - DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE
Nom.: M. LAVOIE
Date: 2019-04-23
Page: 6.2.1

FINISH GASKET OR SEALANT, BY OTHERS

ALUMINUM WINDOW
1350 UNI VENT SERIES
BY ALUMICOR

ROUGH OPENING

80 [3 1/8"]

4 [1/8”]

25 [1”]

80 [3 1/8”]

4 [1/8”]

4 [1/8”]
ROUGH OPENING

FINISH GASKET OR SEALANT, BY OTHERS

ALUMINUM WINDOW 1350 UNI VENT SERIES BY ALUMICOR

SECTION DETAIL

 DETAILS

Title: THERM+ H-I 76/80
ALUMINUM WINDOW - ALUMICOR - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-23

Page: 6.2.2

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ROUGH OPENING

80 [3 1/8"]

4 [1/8"]

FINISH GASKET OR SEALANT, BY OTHERS

4 [1/8”]

ALUMINUM WINDOW
1350 UNI VENT SERIES BY ALUMICOR

PLAN DETAIL
AVAILABLE WITH TRIPLE GLAZING

ALUMINUM WINDOW - ALUMICOR - DOUBLE GLAZING

DETAILS

Title:
THERM+ H-I 76/80

DRAWING BY:
M. LAVOIE

UPDATE:
M. LAVOIE  Date: 2019-04-23

Page: 6.2.3

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NOTE:
WOOD: AVAILABLE IN THE SAME SPECIES AS IC² Technologies TIMBER CURTAIN WALLS.
GLASS: AVAILABLE WITH DOUBLE GLAZING.
ALUMINUM: COLOR PER SPECS.

WOOD WINDOW WITH ALUMINUM CLADDING
BY LEMBERC
OPENING TYPE: TILT AND INTERIOR HOPPER WINDOW

SECTION DETAIL

FINISH GASKET, BY OTHERS

ROUGH OPENING

80 [3 1/8"]

106 [4 1/8”]

>25 [1”]

4 [1/8”]

4 [1/8’’]

80 [3 1/8”]

DETAILS

Title: THERM+ H-I 76/80
WOOD WINDOW - LEMBERC - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE
Nom.: Date: 2019-04-23

Page: 6.3.1

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NOTE:
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TIMBER CURTAIN WALLS.
GLASS: AVAILABLE WITH DOUBLE GLAZING
ALUMINUM: COLOR PER SPECS

AVAILABLE WITH TRIPLE GLASS
**DETAIL OF JUNCTION WITH MASONRY & STUDS**

- **SEALANT & BACKER ROD, BY OTHERS**
- **MINIMUM SPACE REQUIRED**
  - 13 [1/2"
- **SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE**
  - SOPRASEAL STICK VP - SOPREMA
  - BY IC² Technologies inc.

**NOTE:**
IC² TECHNOLOGIES RECOMMENDS TO USE ROCK WOOL INSULATION AS ROXUL AT THE PERIMETER OF CURTAIN WALL OPENINGS TO ALLOW ANY WATER VAPOR TO EVACUATE THE OUTSIDE. USE OF LOW EXPANSION URETHANE FOAM IS NOT RECOMMENDED.

- **ENSURE THAT GLASS IS ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING TO AVOID THE RISK OF CONDENSATION IN THE EDGE OF GLAZING**
- **METAL FLASHING BY OTHERS**
- **SEALANT BY OTHERS**
NOTE:
IC² TECHNOLOGIES RECOMMENDS TO USE ROCK WOOL INSULATION AS ROXUL AT THE PERIMETER OF CURTAIN WALL OPENINGS TO ALLOW ANY WATER VAPOR TO EVACUATE THE OUTSIDE. USE OF LOW EXPANSION URETHANE FOAM IS NOT RECOMMENDED.

ENSURE THAT GLASS IS ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING TO AVOID THE RISK OF CONDENSATION IN THE EDGE OF GLAZING.

SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

SEALANT BY OTHERS

METAL FLASHING BY OTHERS

ROOK WOOL INSULATION AS ROXUL BY OTHERS

SEALANT & BACKER ROD, BY OTHERS

MINIMUM SPACE REQUIRED

13 [1/2"]

DETAIL OF JUNCTION WITH SIDING & STUDS
DETAIL OF JUNCTION MULLION & CONCRETE WALL

NOTE:
IC² TECHNOLOGIES RECOMMENDS TO USE ROCK WOOL INSULATION AS ROXUL AT THE PERIMETER OF CURTAIN WALL OPENINGS TO ALLOW ANY WATER VAPOR TO EVACUATE THE OUTSIDE. USE OF LOW EXPANSION URETHANE FOAM IS NOT RECOMMENDED.

SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

SEALANT AND BACKER ROD, BY OTHERS

ROCK WOOL INSULATION AS ROXUL, BY OTHERS

MINIMUM SPACE REQUIRED FOR INSULATION WHEN THE GLASS IS NOT ALIGNED WITH AN INSULATION TO PREVENT THE RISK OF CONDENSATION IN EDGE OF GLAZING.
3 CONDITIONS TO BE FOLLOWED:
1. THE GLASS (FACE 1 INCLUDED) MUST BE COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING;
2. CONNECTOR MUST NOT EXCEED THE FRONT FACE OF THE WOOD MULLION;
3. MINIMUM OF 2" THICK INSULATION IN FRONT OF THE CONNECTORS;

DETAILS

DRAWING BY: M. LAVOIE

Title: THERM+ H-I - APPLICATIONS
EXTERIOR CONNECTOR WITH INSERTION IN CONCRETE

Page: 7.1.4

UPDATE: M. LA VOIE Date: 2019-05-09

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3 CONDITIONS TO BE FOLLOWED:
1. THE GLASS (FACE 1 INCLUDED) MUST BE COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING;
2. CONNECTOR MUST NOT EXCEED THE FRONT FACE OF THE WOOD MULLION;
3. MINIMUM OF 2" THICK INSULATION IN FRONT OF THE CONNECTORS;

DETAIL OF CONCRETE WALL WITHOUT CONNECTOR INSERTION & 3" THICK EXTERIOR INSULATION.
3 CONDITIONS TO BE FOLLOWED:

1. THE GLASS (FACE 1 INCLUDED) MUST BE COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING;

2. CONNECTOR MUST NOT EXCEED THE FRONT FACE OF THE WOOD MULLION;

3. MINIMUM OF 2" THICK INSULATION IN FRONT OF THE CONNECTORS;

DETAIL OF CONCRETE WALL WITHOUT CONNECTOR INSERTION & 2" THICK EXTERIOR INSULATION
3 CONDITIONS TO BE FOLLOWED:
1. THE GLASS (FACE 1 INCLUDED) MUST BE COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING;
2. CONNECTOR MUST NOT EXCEED THE FRONT FACE OF THE WOOD MULLION;
3. MINIMUM OF 2" THICK INSULATION IN FRONT OF THE CONNECTORS;

DETAIL OF CONCRETE CURTAIN WALL WITH INTERIOR INSULATION ONLY
CONNECTOR BY IC2 TECHNOLOGIES & TO BE APPROVED BY ENGINEER

SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

METAL FLASHING BY OTHERS

ROCK WOOL INSULATION AS ROXUL BY OTHERS

ENSURE THAT GLASS IS COMPLETELY AlIGNED WITH THE ADJACENT INSULATION OF THE BUILDING TO AVOID THE RISK OF CONDENSATION IN THE EDGE OF GLAZING

MINIMUM SPACE OF DEFLECTION REQUIRED ± 25 [1"] ACCORDING TO PROJECT AND FINAL THICKNESS OF CONNECTORS

SEALANT & BACKER ROD, BY OTHERS

WOOD STRUCTURE DETAIL & CURTAIN WALL
ENSURE THAT GLASS IS COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING TO AVOID THE RISK OF CONDENSATION IN THE EDGE OF GLAZING.

CONNECTOR BY IC2 TECHNOLOGIES & TO BE APPROVED BY ENGINEER

SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC²

TECHNOLOGIES INC.

MINIMUM SPACE OF DEFLECTION REQUIRED ± 25 [1"] ACCORDING TO PROJECT AND FINAL THICKNESS OF CONNECTORS

METAL FLASING BY OTHERS

ROCK WOOL INSULATION AS ROXUL BY OTHERS

ENSURE THAT GLASS IS COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING TO AVOID THE RISK OF CONDENSATION IN THE EDGE OF GLAZING.

STEEL STRUCTURE DETAIL & CURTAIN WALL

DETIALS

Title: THERM+ H-I - APPLICATIONS
EXTERIOR CONNECTOR WITH STEEL BEAM

DRAWING BY: M. LAVOIE

UPDATE: M. LAVOIE Date: 2019-05-09

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FOLDED METAL SHEET, BY IC² Technologies, COLOR PER SPECS

SELF-ADHESIVE VAPOUR PERMEABLE AND AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

SELF-ADHESIVE AIR/VAPOUR BARRIER MEMBRANE SOPRASEAL STICK 1100T - SOPREMA BY IC² Technologies inc.

CONNECTOR TYPE, BY IC² Technologies, TO BE APPROVED BY ENGINEER

WOOD MOLDING

DETAILS

Title: THERM+ H-I - APPLICATIONS
ROOF RIDGE CONNECTION

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-05-09

Page: 7.2.1

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DETAIL 1 - MIDDLE TRANSOM

- Self-adhesive air barrier membrane: SOPRASEAL STICK VP - SOPREMA by IC² Technologies inc.
- 3.2mm thick aluminum sheet with extruded polystyrene insulation, to be painted, by IC² Technologies inc.

DETAIL 2 - ROOF RAFTERS

- 1.6mm thick aluminum sheet
- RAICO sealant

DETAIL 3 - BEAM

- RAICO sealant
- Varies (according with engineer)
EAVES SECTION DETAIL

- SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.
- 3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION, TO BE PAINTED, BY IC² Technologies inc.
- 1.6mm THICK ALUMINUM SHEET
- RAICO SEALANT

VARIES (ACCORDING WITH ENGINEER)

RAICO SEALANT

VARIES (ACCORDING WITH ENGINEER)
SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA BY IC² Technologies inc.

3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION, TO BE PAINTED, BY IC² Technologies inc.

MULLION TYPE

CORNER DETAIL TYPE
CONVENTIONAL METHOD:

(INSIDE VIEW)

DIAGRAM 1: CONVENTIONAL TRANSOM INSERTION FROM THE INSIDE OF THE BUILDING TO THE OUTSIDE, WITH INVISIBLE MACHINING.


SPECIAL METHOD:

(INSIDE VIEW)

DIAGRAM 2: TRANSOM INSERTION FROM THE OUTSIDE OF THE BUILDING TO THE INSIDE, WITH VISIBLE MACHINING.

WOOD BLOCKING TO HIDE THE CONNECTORS FIXED WITH GLUE AND FINISH NAILS