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## THERM+ H-I 56

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### SPECIAL ALUMINUM COVER PROFILES

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<th>WOOD COVER PROFILE</th>
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### DETAILS

- **Title:** THERM+ HI 56 - COVER PROFILES
- **Drawing By:** M. Lavoie
- **Update:** Date: 2019-04-18

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RECOMMENDATION

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

- 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)
WOOD COVER PROFILE

VERTICAL SYSTEM (MULLION)

WOOD COVER PROFILE

HORIZONTAL SYSTEM (TRANSOM)

DETAILS

Title: THERM+ H-I 56/60mm
WOOD COVER PROFILE & DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE

Page: 2.1.3

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VERTICAL SYSTEM (MULLION)

HORIZONTAL SYSTEM (TRANSOM)

Title: THERM+ H-1 56/60mm
WOOD COVER PROFILE & TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE
Date: 2019-04-18
**RECOMMENDATION**

- 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 56/60mm
- **Drawing By:** M. Lavoie
- **Update:** M. Lavoie Date: 2019-04-18

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MANDATORY USE OF GASKET 56 TO RESPECT 16mm REQUIRED GLASS SUPPORT
IC2 TECHNOLOGIES RECOMMENDS A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS, TO BE VALIDATED BY AN ENGINEER;
RECOMMENDATION

- IC2 TECHNOLOGIES RECOMMENDS A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS, TO BE VALIDATED BY AN ENGINEER;
**RECOMMENDATION**

- IC2 TECHNOLOGIES RECOMMENDS A MAXIMUM SPACE OF 500mm CENTER TO CENTER BETWEEN SUCTION DISCS, TO BE VALIDATED BY AN ENGINEER;

---

**HORZONTAL SYSTEM (TRANSOM)**

**VERTICAL SYSTEM (MULLION)**
RECOMMENDATION

- IC2 TECHNOLOGIES RECOMMENDS 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 & TRIPLE GLAZING

DRAWING BY: M. LAVOIE

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

Page: 2.1.6.5

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TYPICAL COMPOSITION, BY OTHERS
- SPANDREL PANEL BY IC2 Technologies inc.
- 16mm AIR SPACE (RAICO'S INTERIOR JOINT)
- SELF-ADHESIVE VAPOUR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA
- 12.7mm (1/2") THICK PLYWOOD.
- WOOD STUD
- FIBER GLASS INSULATION
- WOOD FORENCE 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.

TYPICAL SPANDREL PANEL
*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.

Poor design

Good design

Good design
STRUCTURAL TIMBER CURTAIN WALL

REGULAR MULLION

VARIES

VARIES

VARIES

VARIES

STRUCTURAL TIMBER CURTAIN WALL
COLUMN WITH 2 RAICO SYSTEMS

SPANDREL PANEL BY IC2 TECHNOLOGIES
- EXTRUDED POLYSTYRENE INSULATION, VARIABLE THICKNESS
- 3.2mm THICK ALUMINUM SHEET, COLOR CHOSEN BY THE ARCHITECT.

SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA

COVER PROFILE

COVER PROFILE

DETAILS

Title: THERM+ H-I 56/60 STRUCTURAL SYSTEM

DRAWING BY: M. LAVOIE

UPDATE: M. LAVOIE

Date: 2019-04-18

Page: 3.1

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PLAN DETAIL

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.

RAICO SEALANT

 DETAILS

Title : THERM+ H-I 56/60mm
WOOD COLUMN CORNER

DRAWING BY : M. LAVOIE
UPDATE : M.LAVOIE
Page : 2019-04-18

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PLAN DETAIL

- SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA
- 3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION, TO BE PAINTED, BY IC² Technologies inc.
- ROCK WOOL INSULATION AS CURTAINROCK BY ROXUL, BY OTHERS
- SELF-ADHESIVE AIR/VAPOUR BARRIER MEMBRANE SOPRASEAL STICK 1100T - SOPREMA BY IC² Technologies inc.
- RAICO SEALANT

DETAILS

Title: THERM+ H-I 56/60mm
INSULATED COLUMN CORNER

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-18

Page: 4.1.1.2

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PLAN DETAIL

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

4.1.1.3

THERM+ H-I 56/60mm
45º MULLION CORNER
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

PLAN DETAIL
PLAN DETAIL

BACKER ROD AND STRUCTURAL SILICONE JOINT

45° MULLION

VARES

60 [2 3/8"]

60 [2 3/8”]

MIN. 25 [1”]

MIN. 70 [3/8”]

MIN.
GALVANIZED STEEL ANGLE, BY OTHERS

ALUMINUM DOOR
5020 SERIES BY ALUMICO

ALUMINUM DOOR
THRESHOLD AND MORTAR

ROUGH OPENING

DETAILED

5.1.1

THERM+ H-I 56/60mm
ALUMINUM DOOR - ALUMICO - DOUBLE GLAZING

SECTION DETAIL
SECTION DETAIL

HDPE BLOCK SEALED AND INSTALLED, BY OTHERS

ALUMINUM DOOR 5020 SERIES BY ALUMICO

ALUMINUM DOOR THRESHOLD AND MORTAR

GALVANIZED STEEL ANGLE, BY OTHERS

DETAILED DESIGN

THERM+ H-I 56/60mm
ALUMINUM DOOR - ALUMICO - TRIPLE GLAZING

DRAWSING BY : M. LAVOIE
UPDATE : 2019-04-18
Nom : M.LAVOIE Date : 2019-04-18

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PLAN DETAIL

13 [1/2"
60 [2 3/8"
ROUGH OPENING

3 [1/8"
22 [7/8"

3 [1/8"
22 [7/8"

ALUMINUM DOOR - ALUMICO - DOUBLE GLAZING

5020 SERIES BY ALUMICO

DETAILS

Title: THERM+ H-I 56/60mm
ALUMINUM DOOR - ALUMICO - DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-18

Page: 5.1.3

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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: ALSO AVAILABLE IN DOUBLE GLAZING.
ALUMINUM: COLOR PER SPECS

THRESHOLD DOOR

DETAILS

THERM+ H-I 56/60mm
WOOD DOOR - LEMBERC - TRIPLE GLAZING
WOOD DOOR WITH ALUMINUM
RECOVERY BY LEMBERC
OPENING TYPE : IN-SWING

PLAN DETAIL

NOTE :
WOOD : AVAILABLE IN THE SAME
SPECIES AS IC2 Technologies
TIMBER CURTAIN WALLS.
GLASS : ALSO AVAILABLE IN DOUBLE
GLAZING.
ALUMINUM : COLOR PER SPECS
LIFT AND SLIDE DOOR ELEVATION

DETAILS

Title: THERM+ H-I 56/60mm
WOOD LIFT AND SLIDE DOOR - IC² TECH. - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-18

Page: 5.3
ROUGH OPENING

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

ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER PROFILES

LIFT AND SLIDE DOOR BY IC2 TECHNOLOGIES

TRACK CLEAR ANODIZED

1.6mm THICK ALUMINUM SHEET PAINTED IN THE SAME COLOR AS THE COVER PROFILES

SECTION DETAIL

5.3.1

THERM+ H-I 56/60mm
WOOD LIFT AND SLIDE DOOR - IC² TECH. - DOUBLE GLAZING

DETAILS

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE
Date: 2019-04-18

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ALUMINUM THRESHOLD DOOR
(SEE THE SECTION DETAIL FOR MORE INFORMATION)

CLEAR ANODIZED INTERIOR HANDLE AND EXTERIOR FLUSH PULL
PAINTED THE SAME COLOR AS THE COVER PROFILES

ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER PROFILES

PLAN DETAIL

THERM+ H-I 56/60mm
WOOD LIFT AND SLIDE DOOR - IC² TECH. - DOUBLE GLAZING

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ROUGH OPENING

ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER PROFILES

LIFT AND SLIDE DOOR BY IC2 TECHNOLOGIES

TRACK CLEAR ANODIZED

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

SECTION DETAIL

IC2 TECHNOLOGIES INC

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www.ic2tech.com

Title:
THERM+ H-I 56/60mm
WOOD LIFT AND SLIDE DOOR - IC2 TECH. - TRIPLE GLAZING

DRAWING BY:
M. LAVOIE

UPDATE:
M. LAVOIE
Date: 2019-04-18

DETAILS
ALUMINUM THRESHOLD DOOR
(SEE THE SECTION DETAIL FOR MORE INFORMATION)

CLEAR ANODIZED INTERIOR HANDLE AND EXTERIOR FLUSH PULL
PAINTED THE SAME COLOR AS THE COVER PROFILES

PLAN DETAIL
SECTION DETAIL

DETAILS

Title:

THERM+ H-I 56/60mm
ALUMINUM WINDOW - ALUMICO - DOUBLE GLAZING

DRAWING BY:

M. LAVOIE

UPDATE:

M. LAVOIE Date: 2019-04-18

Page: 6.1.1

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SECTION DETAIL

ROUGH OPENING

HDPE BLOCK SEALED AND INSTALLED BY OTHERS

SETTING BLOCK AND SEALANT, BY OTHERS

ALUMINUM WINDOW 8500 TI SERIES BY ALUMICO

HDPE BLOCK SEALED AND INSTALLED BY OTHERS

DETAILS

Title: THERM+ H-I 56/60mm
ALUMINUM WINDOW - ALUMICO - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-18

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ALUMINUM WINDOW
8500 TI SERIES BY ALUMICO

ROUGH OPENING

60 [2 3/8"]

4 [1/8”]

SETTING BLOCK OR SEALANT, BY OTHERS

4 [1/8”]

ALUMINUM WINDOW
8500 TI SERIES BY ALUMICO

PLAN DETAIL
ALSO AVAILABLE IN TRIPLE GLAZING
SECTION DETAIL

ALUMINUM WINDOW 1350 UNI VENT SERIES BY ALUMICOR

FINISH GASKET OR SEALANT, BY OTHERS

THERM+ H-I 56/60mm ALUMINUM WINDOW - ALUMICOR - TRIPLE GLAZING
ROUGH OPENING

60 [2 3/8"]

FINISH GASKET OR SEALANT, BY OTHERS

4 [1/8”]

ALUMINUM WINDOW 1350 UNI VENT SERIES BY ALUMICOR

PLAN DETAIL

ALSO AVAILABLE IN TRIPLE GLAZING

THERM+ H-I 56/60mm
ALUMINUM WINDOW - ALUMICOR - DOUBLE GLAZING
SECTION DETAIL

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

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

DETAILS

Title: THERM+ H-I 56/60mm
WOOD WINDOW - LEMBERC - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: 2019-04-18
Nom.: M.LAVOIE
PLAN DETAIL
ALSO AVAILABLE IN DOUBLE GLAZING

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

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

FINISH GASKET, BY OTHERS

60 [2 3/8"]

105.786 [4 1/8 “]

4 [1/8 “]
DETAIL OF JUNCTION WITH MASONRY & STUDS

MINIMUM SPACE REQUIRED

13 [1/2]

SEALANT & BACKER ROD, 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.

METAL FLASHING BY OTHERS

SEALANT BY OTHERS

13 [1/2]
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

MINIMUM SPACE REQUIRED

13 [1/2']

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

SEALANT & BACKER ROD, BY OTHERS

ROOK WOOL INSULATION AS ROXUL BY OTHERS

METAL FLASHING BY OTHERS

SEALANT BY OTHERS

DETAIL OF JUNCTION WITH SIDING & STUDS

DETAILS

Title: THERM+ H-I - APPLICATIONS
JUNCTION WITH SIDING

DRAWING BY: M. LAVOIE
UPDATE: M. LAVOIE Date: 2019-04-18

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MINIMUM SPACE REQUIRED FOR INSULATION WHEN THE GLASS IS NOT ALIGNED WITH AN INSULATION TO PREVENT THE RISK OF CONDENSATION IN EDGE OF GLAZING.

NOTE:
IC² TECHNOLOGIES RECOMMENDS TO USE ROCK WOOL INSULATION AS ROXL 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 ROXL, BY OTHERS

SEALANT, BY OTHERS

DETAIL OF JUNCTION MULLION & CONCRETE WALL
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 WITH CONNECTOR INSERTION
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;

FACE OF WOOD SECTIONS / LIMITED POSITIONNING FOR CONNECTORS

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

ROCK WOOL INSULATION AS ROXUL BY OTHERS

METAL FLASHING BY OTHERS

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

RIGID SHIMS BETWEEN CONCRETE AND CONNECTORS

CONNECTOR BY IC2 TECHNOLOGIES & TO BE APPROVED BY ENGINEER

PROVIDE MINIMUM 2" INSULATION OVER THE CONNECTOR

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;

FACE OF WOOD SECTIONS / LIMITED POSITIONNING FOR CONNECTORS
ENSURE THAT GLASS IS COMPLETELY ALIGNED WITH THE ADJACENT INSULATION OF THE BUILDING TO AVOID THE RISK OF CONDENSATION IN THE EDGE OF GLAZING
SEALANT & BACKER ROD, BY OTHERS
METAL FLASHING BY OTHERS
CONNECTOR BY IC2 TECHNOLOGIES & TO BE APPROVED BY ENGINEER
SELF-ADHESIVE AIR/VAPOUR BARRIER MEMBRANE
SOPRASEAL STICK 1100T - SOPREMA BY IC² Technologies inc.
PROVIDE MINIMUM 2’ INSULATION OVER THE CONNECTOR

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

SEALANT & BACKER ROD, BY OTHERS

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

WOOD STRUCTURE DETAIL & CURTAIN WALL

DETAILS

THERM+ H-I - APPLICATIONS EXTERIOR CONNECTOR WITH WOOD BEAM

UPDATE: M. LAVOIE

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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.

METAL FLASING BY OTHERS
ROCK WOOL INSULATION AS ROXUL BY OTHERS

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

VARIES

STEEL STRUCTURE DETAIL & CURTAIN WALL
DETAILS

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

DRAWING BY: M. LAVOIE
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DETAIL 1 - MIDDLE TRANSOM

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

DETAIL 2 - ROOF RAFTERS

- RAICO SEALANT
- 1.6mm THICK ALUMINUM SHEET

DETAIL 3 - BEAM

- RAICO SEALANT
- VARIATES (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.

VARIES (ACCORDING WITH ENGINEER)

VARIES (ACCORDING WITH ENGINEER)

RAICO SEALANT

RAICO SEALANT
CORNERS DETAIL TYPE

MULLION TYPE

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VARIES (ACCORDING WITH ENGINEER)

RAICO SEALANT

VARIES (ACCORDING WITH ENGINEER)

RAICO SEALANT

40 [1 5/8"]

80 [3 1/8”]

76 [3”]

76 [3”]
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.