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# THERM+ H-I 56

## Pressure Plate

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<th>Use for Glass Roof</th>
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<tr>
<td>10 [3/8&quot;]</td>
<td>50 [2&quot;]</td>
<td>56 [2 1/4&quot;]</td>
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<td></td>
<td>3 [1/8&quot;]</td>
<td>56 [2 1/4&quot;]</td>
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<tr>
<td></td>
<td>7 [1/4&quot;]</td>
<td>56 [2 1/4&quot;]</td>
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## Optionals Cover Profiles

<table>
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<tbody>
<tr>
<td>12 [1/2&quot;]</td>
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<td>13.5 [1/2&quot;]</td>
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<tr>
<td>15 [5/8&quot;]</td>
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<tr>
<td>21 [3/4&quot;]</td>
</tr>
<tr>
<td>25 [1&quot;]</td>
</tr>
<tr>
<td>30 [1 1/8&quot;]</td>
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</table>

## Special Aluminum Cover Profiles

<table>
<thead>
<tr>
<th>Wood Cover Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 [1 3/8&quot;]</td>
</tr>
</tbody>
</table>

## Details

**Title**: THERM+ HI 56 - COVER PROFILES

**Drawing by**: M. Lavoie

**Update**: J. Paul-Hus  Date: 2020-02-12

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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;

---

**DETAILS**

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

**DRAWING BY:**
M. LAVOIE

**UPDATE:**
J.PAUL-HUS  Date: 2020-02-12

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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;

**DETAILS**

- **Title:** THERM+ H-I 56/60mm COVER PROFILE & TRIPLE GLAZING

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VERTICAL SYSTEM (MULLION)

WARD COVER PROFILE

HORIZONTAL SYSTEM (TRANSOM)

WARD COVER PROFILE

DETAILS

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

DRAWING BY:
M. LAVOIE

UPDATE:
J.PAUL-HUS

Page:
2.1.3
WOOD COVER PROFILE

VERTICAL SYSTEM (MULLION)

VARIES

16 [5/8"]

60 [2 3/8"]

VARIES

56 [2 1/4”]

VARIES

37 [1 1/2”]

HORIZONTAL SYSTEM (TRANSOM)

VARIES

16 [5/8”]

40 [2 3/8”]

56 [2 1/4”]

VARIES

THERM+ H-I 56/60mm
WOOD COVER PROFILE & TRIPLE GLAZING

DETAILS
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
DETAIL OF PERIMETER SYSTEM

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS Date: 2020-02-12

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

REQUIRED GLASS SUPPORT 16 [5/8"]

THERM+ H-I - SG2 SYSTEM
WITHOUT SUCTION DISC

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

RECOMMENDATION
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 - ROUND & TRIPLE GLAZING

DRAWING BY: M. LAVOIE

UPDATE: J.PAUL-HUS  Date: 2020-02-12

Page: 2.1.6.3

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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 & DOUBLE GLAZING

DRAWING BY: M. LAVOIE

UPDATE: J.PAUL-HUS  Date: 2020-02-12

Page: 2.1.6.4

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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: J.Paul-Hus

Date: 2020-02-12

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TYPICAL SPANDREL PANEL

**TYPICAL COMPOSITION, BY OTHERS**
- 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 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.

**SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA**

**RAICO SEALANT**
#952015

**ALUMINUM OR WOOD COVER PROFIL**
**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.

![Diagram of steel return not recommended](image1.png)

**Poor design**

![Diagram of good design](image2.png)

**Good design**

---

**DETAILS**

Title: GALVANIZED STEEL BACK PAN CURTAIN WALL

DRAWING BY: M. LAVOIE

UPDATE: J.PAUL-HUS

Date: 2020-02-12

Page: 2.1.8

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STRUCTURAL TIMBER CURTAIN WALL

REGULAR MULLION

COVER PROFILE

SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA

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

STRUCTURAL TIMBER CURTAIN WALL COLUMN WITH 2 RAICO SYSTEMS

DETAILS

Title: THERM+ H-I 56/60

DRAWING BY: M. LAVOIE

UPDATE: J.PAUL-HUS Date: 2020-02-12

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

ROCK WOOL INSULATION AS CURTAINROCK BY ROXUL, BY OTHERS

SELF-ADHESIVE AIR BARRIER MEMBRANE SOPRASEAL STICK VP - SOPREMA

3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION, TO BE PAINTED, BY IÇ² Technologies inc.

SELF-ADHESIVE AIR/VAPOUR BARRIER MEMBRANE SOPRASEAL STICK 1100T - SOPREMA BY IÇ² Technologies inc.

RAICO SEALANT

60 [2 3/8"] Varies

56 [2 1/4"] Varies

56 [2 1/4"]
3.2mm THICK ALUMINUM SHEET WITH EXTRUDED POLYSTYRENE INSULATION, TO BE PAINTED, BY IC² Technologies inc.

PLAN DETAIL

DETAILS

Title: THERM+ H-I 56/60mm
45° MULLION CORNER

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS Date: 2020-02-12

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

PLANT DETAIL
PLAN DETAIL

DETAILS

Title: THERM+ H-I - SG2
CORNER WITH WOOD COLUMN

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS
Page: 4.1.2.2

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ROUGH OPENING

ALUMINUM DOOR
5020 SERIES BY ALUMICO

ALUMINUM DOOR
THRESHOLD AND
MORTAR

GALVANIZED STEEL ANGLE,
BY OTHERS

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

DRAWING BY:
M. LAVOIE

UPDATE:
M. LAVOIE

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SECTION DETAIL

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

DRAWING BY:
M. LAVOIE

UPDATE:
J.PAUL-HUS
Date: 2020-02-12

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

ROUGH OPENING

ALUMINUM DOOR
5020 SERIES BY ALUMICO

PLAN DETAIL
WOOD DOOR WITH ALUMINUM CLADDING BY LEMBERC
OPENING TYPE: IN-SWING

NOTE:
WOOD: AVAILABLE IN THE SAME SPECIES AS IC²Technologies TIMBER CURTAIN WALLS.
GLASS: ALSO AVAILABLE IN DOUBLE GLAZING.
ALUMINUM: COLOR PER SPECS

THRESHOLD DOOR

THERM+ H-1 56/60mm
WOOD DOOR - LEMBERC - TRIPLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS  Date: 2020-02-12

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WOOD DOOR WITH ALUMINUM RECOVERY 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

DETAILS

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

DRAWING BY: M. LAVOIE
UPDATE: Date: 2020-02-12
Nom: J.PAUL-HUS

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LIFT AND SLIDE DOOR
BY IC2 TECHNOLOGIES

SINGLE LIFT AND SLIDE DOOR ELEVATION
(STANDARD)

NOTE: THE MODEL OF WOOD LIFT AND SLIDE DOOR (STANDARD) IS ALSO AVAILABLE IN DOUBLE FORMAT.
ROUGH OPENING

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

LIFT AND SLIDE DOOR BY IC2 TECHNOLOGIES

TRACK CLEAR ANODIZED

ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER PROFILES

CONNECTION PROFILE AT THE OPENING PERIMETER ACCORDING TO THE FILLING THICKNESS BY IC2 TECHNOLOGIES

SECTION DETAIL

DETAILS

Title: THERM+ H-I 56/60mm
SINGLE WOOD LIFT AND SLIDE DOOR (STANDARD)
IC2 TECH - DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS
Nom: Date: 2020-02-12

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

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

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

PLAN DETAIL
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 THE SAME COLOR AS THE COVER PROFILES

SECTION DETAIL

DETAILS

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

DRAWING BY:
M. LAVOIE

UPDATE:
J.PAUL-HUS Date: 2020-02-12

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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
SINGLE WOOD LIFT AND SLIDE DOOR (STANDARD)
IC² TECH. - TRIPLE GLAZING
DOUBLE LIFT AND SLIDE DOOR ELEVATION (STANDARD)

NOTE: THE MODEL OF WOOD LIFT AND SLIDE DOOR (STANDARD) IS ALSO AVAILABLE IN SINGLE FORMAT.
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

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

SECTION DETAIL

DETAILS

Title: THERM+ H-I 56/60mm
DOUBLE WOOD LIFT AND SLIDE DOOR (STANDARD)
IC2 TECH - DOUBLE GLAZING

DRAWING BY: J.PAUL-HUS
UPDATE: J.PAUL-HUS Date: 2020-02-12

P1
L1

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

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

DETAILS

Title:
THERM+ H-I 56/60mm
DOUBLE WOOD LIFT AND SLIDE DOOR (STANDARD)
IC² TECH - DOUBLE GLAZING

DRAWING BY:
M. LAVOIE

UPDATE:
Nom: J.PAUL-HUS Date: 2020-02-12

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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 THE SAME COLOR AS THE COVER PROFILES

SECTION DETAIL

DETAILS

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

DRAWING BY: J.PAUL-HUS
UPDATE: J.PAUL-HUS
Nom: J.PAUL-HUS Date: 2020-02-12

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

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
DOUBLE WOOD LIFT AND SLIDE DOOR (STANDARD)
IC² TECH. - TRIPLE GLAZING

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LIFT AND SLIDE DOOR
BY IC2 TECHNOLOGIES

SIMPLE LIFT AND SLIDE DOOR ELEVATION
(OVERSIZE)

NOTE: THE MODEL OF WOOD LIFT AND SLIDE DOOR (OVERSIZE) IS ALSO AVAILABLE IN DOUBLE FORMAT.
Section Detail

Details

Title: THERM+ H-I 56/60mm

Single Wood Lift and Slide Door (Oversize)

IC² Tech - Double Glazing

DRAWING BY: J.PAUL-HUS

UPDATE: J.PAUL-HUS

Page: 5.5.1

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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

PLAN DETAIL

 DETAILS

Title: THERM+ H-1 56/60mm
SINGLE WOOD LIFT AND SLIDE DOOR (OVERSIE)
IC² TECH - DOUBLE GLAZING

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS
Nom: Date: 2020-02-12

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SHALLOWER MULLION

LIFT AND SLIDE DOOR BY IC2 TECHNOLOGIES

1.6mm 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

38mm [1 1/2"] THICK EXPANSED 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

SECTION DETAIL

DETAILS

Title:
THERM+ H-I 56/60mm
SINGLE WOOD LIFT AND SLIDE DOOR (OVERSIE)
IC*TECH. - TRIPLE GLAZING

DRAWING BY:
J.PAUL-HUS

UPDATE:
Nom: J.PAUL-HUS Date: 2020-02-12

Page: 5.5.3

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ALUMINUM PROFILE PAINTED THE SAME COLOR AS THE COVER PROFILES

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

PLAN DETAIL

ALUMINUM THRESHOLD DOOR (SEE THE SECTION DETAIL FOR MORE INFORMATIONS)
NOTE: THE MODEL OF WOOD LIFT AND SLIDE DOOR (OVERSIZE) IS ALSO AVAILABLE IN SINGLE FORMAT.
SHALLOWER MULLION

TRACK CLEAR ANODIZED

CONNECTION PROFILE AT THE OPENING PERIMETER ACCORDING TO THE FILLING THICKNESS BY IC2 TECHNOLOGIES

38mm [1 1/2"] THICK EXPANSED 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

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

SECTION DETAIL

Title: THERM+ H-I 56/60mm
DOUBLE WOOD LIFT AND SLIDE DOOR (OVERSIZE)
IC² TECH - DOUBLE GLAZING

DRAWING BY: J.PAUL-HUS
UPDATE: 2020-02-12
Nom: J.PAUL-HUS Date: 2020-02-12

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

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
DOUBLE WOOD LIFT AND SLIDE DOOR (OVERSIZE)
IC² TECH - DOUBLE GLAZING

 DETAILS
**SECTION DETAIL**

**DETAILS**

**Title:** THERM+ H-I 56/60mm
DOUBLE WOOD LIFT AND SLIDE DOOR (OVERSIZE)
IC TECH. - TRIPLE GLAZING

**DRAWING BY:** J.PAUL-HUS

**UPDATE:** J.PAUL-HUS Date: 2020-02-12

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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

THERM+ H-I 56/60mm
DOUBLE WOOD LIFT AND SLIDE DOOR (OVERSIZE)
IC'TECH - TRIPLE GLAZING

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SECTION DETAIL

ALUMINUM WINDOW
8500 TI SERIES
BY ALUMICO

SETTING BLOCK
AND SEALANT,
BY OTHERS

ROUGH OPENING

60 [2 3/8"]

4 [1/8"]

4 [1/8”]

60 [2 3/8”]

25 [1”]

DETAILS

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

DRAWING BY:
M. LAVOIE

UPDATE:
Nom: J.PAUL-HUS Date: 2020-02-12

Page: 6.1.1

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ALUMINUM WINDOW 8500 TI SERIES BY ALUMICO

ROUGH OPENING

SETTING BLOCK OR SEALANT, BY OTHERS

ALUMINUM WINDOW 8500 TI SERIES BY ALUMICO

PLAN DETAIL

ALSO AVAILABLE IN TRIPLE GLAZING
ROUGH OPENING

ALUMINUM WINDOW
1350 UNI VENT SERIES
BY ALUMICOR

FINISH GASKET
OR SEALANT,
BY OTHERS

SECTION DETAIL

DETAILS

Title : THERM+ H-I 56/60mm
ALUMINUM WINDOW - ALUMICOR - DOUBLE GLAZING

DRAWING BY : M. LAVOIE
UPDATE : J.PAUL-HUS
Nom : Date : 2020-02-12

Page : 6.2.1

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SECTION DETAIL

DETAILS

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

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS  Date: 2020-02-12

Page: 6.2.2

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PLAN DETAIL
ALSO AVAILABLE IN TRIPLE GLAZING

ROUGH OPENING

FINISH GASKET OR SEALANT, BY OTHERS

ALUMINUM WINDOW
1350 UNI VENT SERIES BY ALUMICOR

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

>25 [1"

60 [2 3/8"

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

FINISH GASKET, BY OTHERS

SECTION DETAIL

DETAILS

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

DRAWING BY : M. LAVOIE
UPDATE : J.PAUL-HUS Date : 2020-02-12

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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
DETAIL OF JUNCTION WITH MASONRY & STUDS

**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.

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
DETAIL OF JUNCTION WITH SIDING & STUDS

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

SEALANT & BACKER ROD, BY OTHERS

MINIMUM SPACE REQUIRED

13 [1/2']

ROOK WOOL INSULATION AS ROXUL BY OTHERS

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

SEALANT BY OTHERS

METAL FLASHING 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.

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 EXCEEDED 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

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 IC Technologies inc.

RIGID SHIMS BETWEEN CONCRETE AND CONNECTORS

CONNECTOR BY IC2 TECHNOLOGIES & TO BE APPROVED BY ENGINEER

NECESSARY CONTINUOUS INSERTION (DIMENSIONS VARIES) IN THE CONCRETE WALL TO AVOID THE FACE OF ANCHOR EXCEEDING THE MULLION FACE.

PROVIDE MINIMUM 2" INSULATION OVER THE CONNECTOR
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**

---

**DETAILS**

**Title:**
THERM+ H-I - APPLICATIONS
INTERIOR CONNECTOR

**DRAWING BY:**
M. LAVOIE

**UPDATE:**
J.PAUL-HUS  Date: 2020-02-12

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WOOD STRUCTURE DETAIL & CURTAIN WALL

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

SEALANT & BACKER ROD, BY OTHERS

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

METAL FLASING BY OTHERS

ROCK WOOL INSULATION AS ROXUL 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.

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

VARES

STICK VP - SOPREMA BY IC² Technologies inc.

VARIES

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FOLDED METAL SHEET, BY IC² Technologies, COLOR PER SPECS

SELF-ADHESIVE VAPOUR PERMEABLE 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

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

DRAWING BY: M. LAVOIE
UPDATE: J.PAUL-HUS Date: 2020-02-12

Page: 7.2.1
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.

RAICO SEALANT

1.6mm THICK ALUMINUM SHEET

RAICO SEALANT

VARIES (ACCORDING WITH ENGINEER)

VARIES (ACCORDING WITH ENGINEER)
**DETAILS**

**Title:**
THERM+ H-I - APPLICATIONS
GLASS ROOF - TYPICAL COLUMN & MULLION

**DRAWING BY:**
M. LAVOIE

**UPDATE:**
J. PAUL-HUS  Date: 2020-02-12

**RAICO SEALANT**

**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.**

**CORNER DETAIL TYPE**

**MULLION 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

DETAILS

Title : TRANSOM INSERTION INSERTION METHOD
DRAWING BY : M. LAVOIE
UPDATE : J.PAUL-HUS Date : 2020-02-12
Page : 8.1