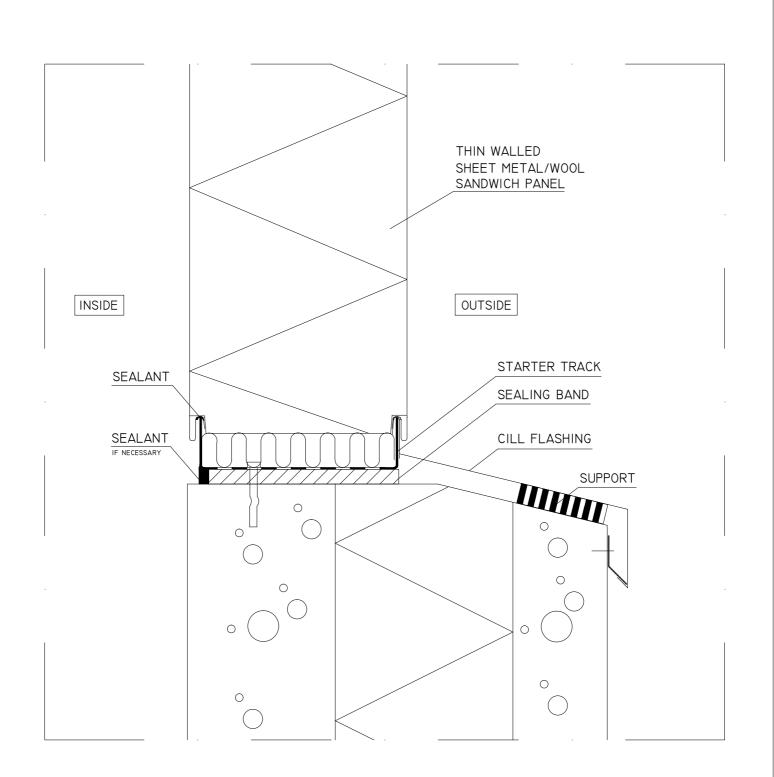
STRUCTURE DETAILS	TYPE
D-10-EN	PLINTH
D-II-EN	PLINTH, STANDARD FLASHING
D-12-EN	PLINTH, OUTSIDE
D-I3-EN	PLINTH, CUTTED ELEMENT
D-20-EN	FASTENING TO STEEL COLUMN
D-2I-EN	FASTENING TO CONRETE COLUMN
D-22-EN	FASTENING TO TIMBER COLUMN
D-23-EN	FASTENING TO H-STEEL COLUMN, VEMO FASTENING
D-24-EN	FASTENING TO STEEL COLUMN, COATED WALL
D-25-EN	FASTENING TO CONRETE COLUMN, VEMO FASTENING
D-30-EN	EXTERNAL CORNER, STEEL COLUMN
D-3I-EN	EXTERNAL CORNER, STEEL COLUMN, TYPE 2
D-32-EN	EXTERNAL CORNER, CONCRETE COLUMN
D-33-EN	EXTERNAL CORNER, CONCRETE COLUMN, TYPE 2
D-34-EN	EXTERNAL CORNER, H-STEEL COLUMN
D-35-EN	EXTERNAL CORNER, H-STEEL COLUMN, TYPE 2
D-36-EN	EXTERNAL CORNER, THICK WALL COLUMN, VEMO FASTENING
D-37-EN	EXTERNAL CORNER, VEMO FASTENING, TYPE 2
D-38-EN	EXTERNAL CORNER, CONCRETE COLUMN, TYPE 2
D-39-EN	INTERNAL CORNER, STEEL COLUMN
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STRUCTURE DETAILS	TYP	È.		
D-40-EN	INTERNAL CORNER, STEEL COLUMN, TYPE 2			
D-4I-EN	PARAPET, END EAVES			
D-42-EN	JOINT OF WALL AND CANOPY			
D-50-EN	EAVES, VENTILATED			
D-5I-EN	DIVIDING WALL, HORIZONTAL INSTALLATION			
D-52-EN	DIVIDING WALL, TOP AND BOTTOM END, VERTICAL INSTALLATION, VERTICAL SECTION, EI60			
D-53-EN	DIVIDING WALL, VERTICAL INSTALLATION			
D-54-EN	DIVIDING WALL, TOP AND BOTTOM END, VERTICAL INSTALLATION, VERTICAL SECTION, EI60			
D-60-EN	GLAZEN FACADE, VERTICAL SECTION			
D-6I-EN	GLAZEN FACADE, HORIZONTAL SECTION			
D-62-EN	OUTWARDS OPENING WINDOW, VERTICAL SECTION			
D-63-EN	OUTWARDS OPENING WINDOW, HORIZONTAL SECTION			
D-64-EN	INWARDS OPENING WINDOW, VERTICAL SECTION			
D-65-EN	INWARDS OPENING WINDOW, HORIZONTAL SECTION			
D-70-EN	OUTWARDS OPENING ENTRANCE DOOR, VERTICAL SECTION			
D-7I-EN	OUTWARDS OPENING ENTRANCE DOOR, HORIZONTAL SECTION			
D-100-EN	ELEMENT JOINT			
D-101-EN	JOINT OF DIFFERENT THICKNESS ELEMENTS			
D-102-EN	PLATE ADJUSTMENT			
D-103-EN	WALL LADDER FASTENING			
			Turun Pelti ja eristys Ltd, All rights reserved	
	UN PELTI JA ERISTYS OY	DATE 04.2020	TPE STRUCTURE DETAILS SHEET OF CONTENT 2/2	



INSULATION WOOL IS USED FOR CAULKING THE GAP BETWEEN PANEL AND PLINTH PURLIN. THE DISTANCE BETWEEN ELEMENT AND PLINTH CONCRETE IS ~15MM. CONSTRUCTION DETAILS AND INCLINATIONS BASED ON STRUCTURAL DESIGN.

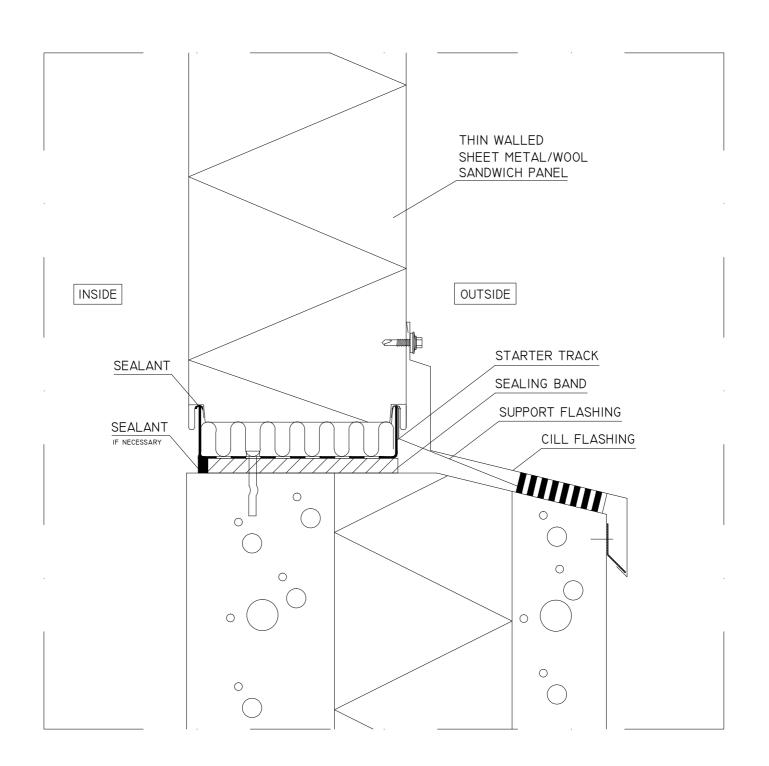
> PRINCIPLE MASTER DETAIL, NOT FOR DIMENSIONING. TURUN PELTI JA ERISTYS LTD, ALL RIGHTS RESERVED



TURUN PELTI JA ERISTYS OY VARESPELLONTIE 10 21500 piikkiö

DATE 04.2020 PLINTH VERTICAL SECTION

D-10-EN



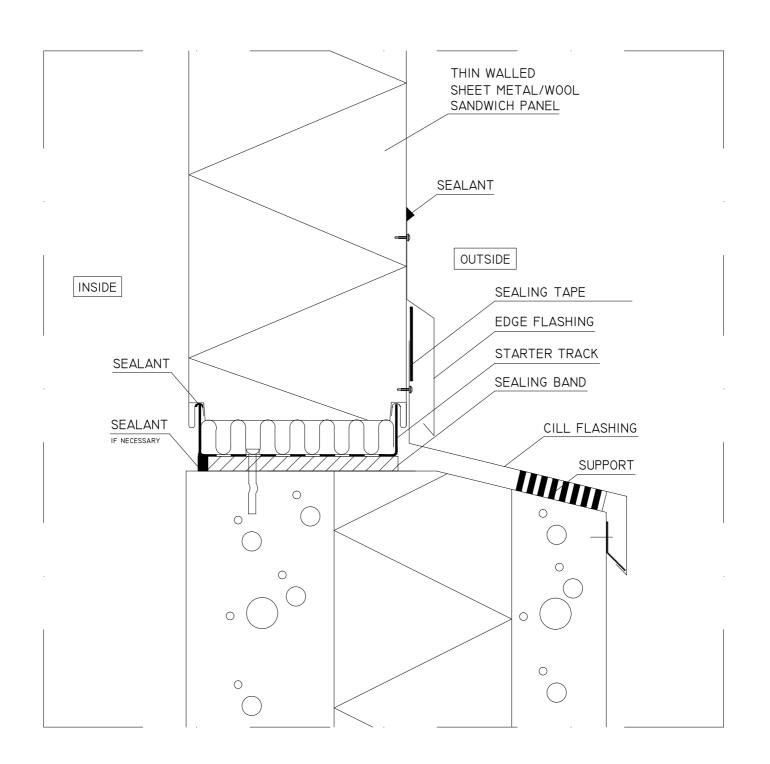
INSULATION WOOL IS USED FOR CAULKING THE GAP BETWEEN PANEL AND STARTER TRACK TROUGH. THE DISTANCE BETWEEN ELEMENT AND PLINTH CONCRETE IS ~15MM. CONSTRUCTION DETAILS AND INCLINATIONS BASED ON STRUCTURAL DESIGN.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 PLINTH, STANDARD FLASHING VERTICAL SECTION

D-II-EN

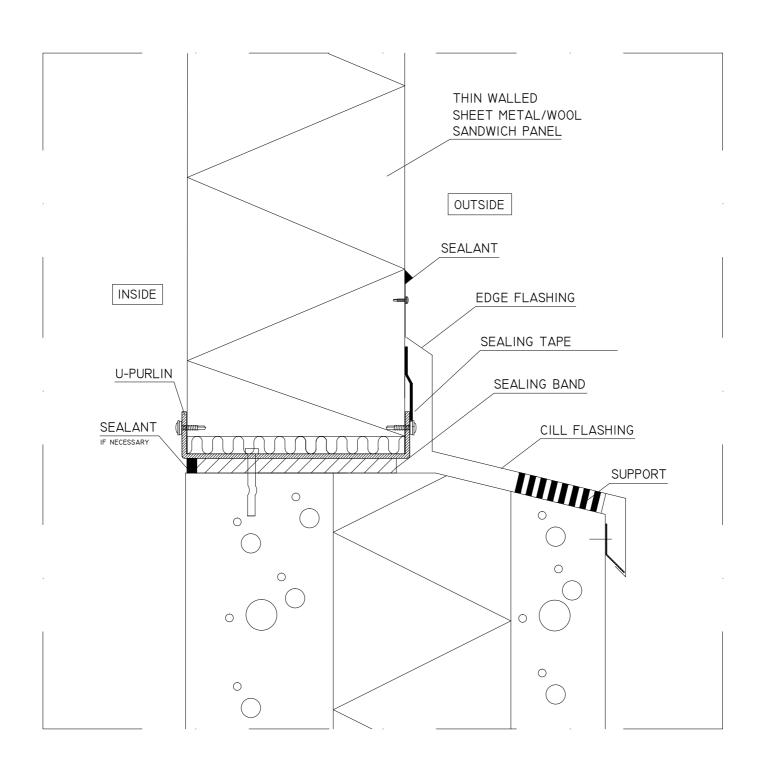


The gap between panel and footer is sealed with mineral wool. The distance between panel and footer concrete is ~15mm. The responsibility for construction details are always by the structural designer.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 PLINTH, OUTSIDE VERTICAL SECTION, MOUNTING AFTERWARDS



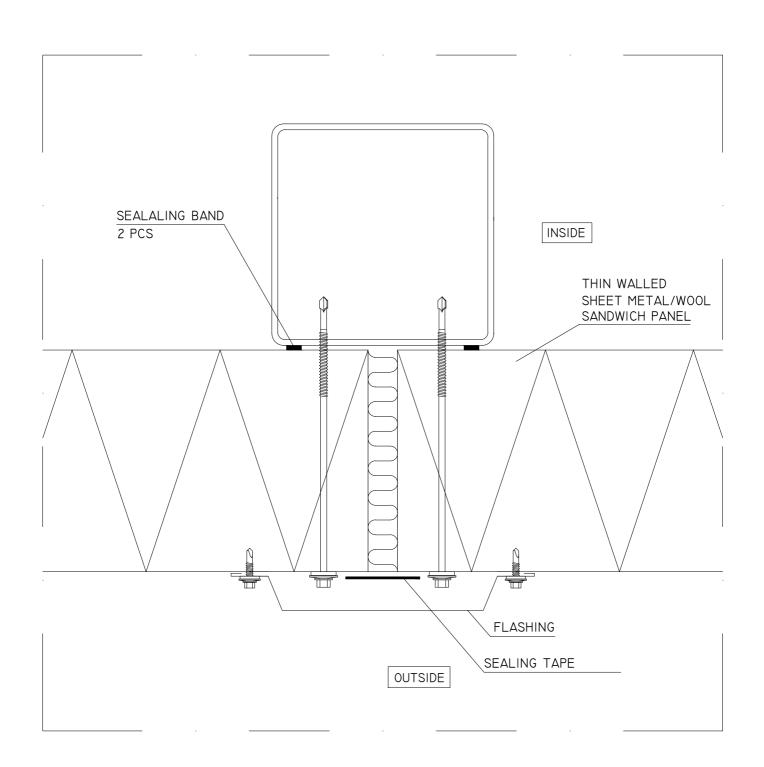
The gap between panel and footer is sealed with mineral wool. The distance between panel and footer concrete is ~15mm. The responsibility for construction details are always by the structural designer.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 PLINTH, CUTTED ELEMENT VERTICAL SECTION

D-I3-EN



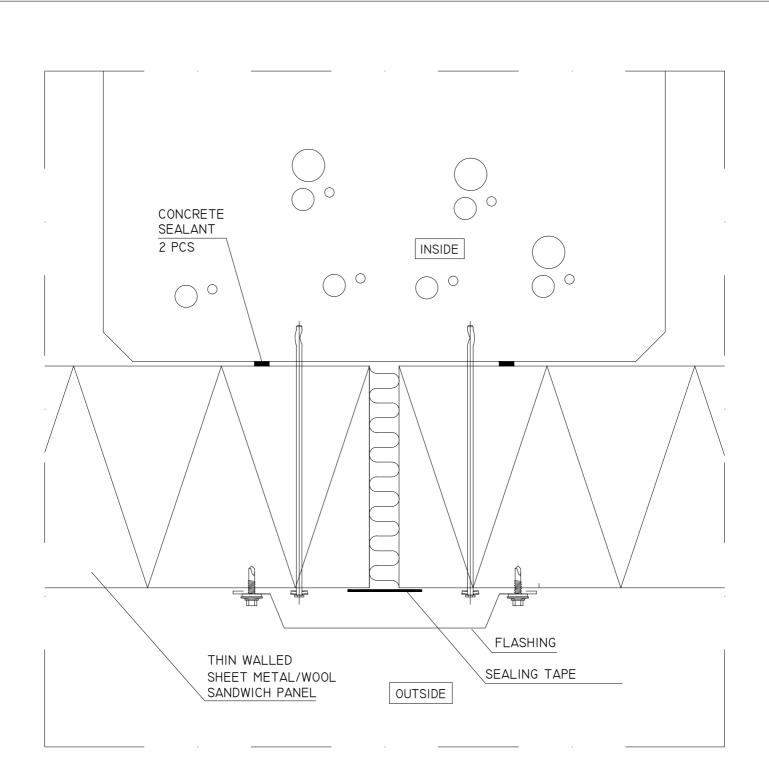
The gap between elements ~20mm, is caulked with mineral wool. Fasteners minimum distance is 30mm from panel edge. The width of supporting surfaces minimum 50mm. The supporting surface is sealed with sealant band. The gap between elements is covered with sealing tape >60mm.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 FASTENING TO STEEL COLUMN HORIZONTAL SECTION

D-20-EN



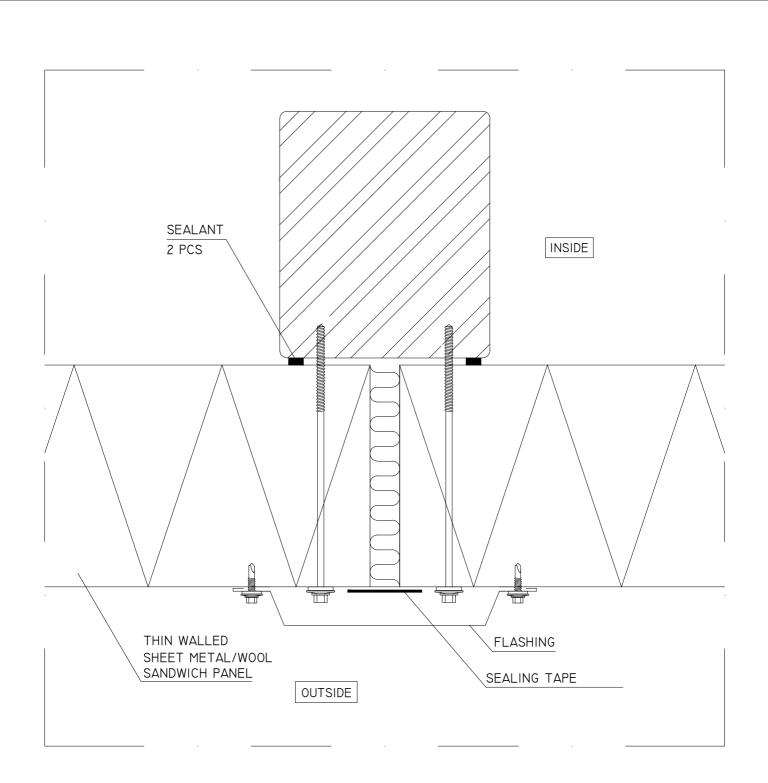
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 FASTENING TO CONCRETE COLUMN HORIZONTAL SECTION

D-21-EN



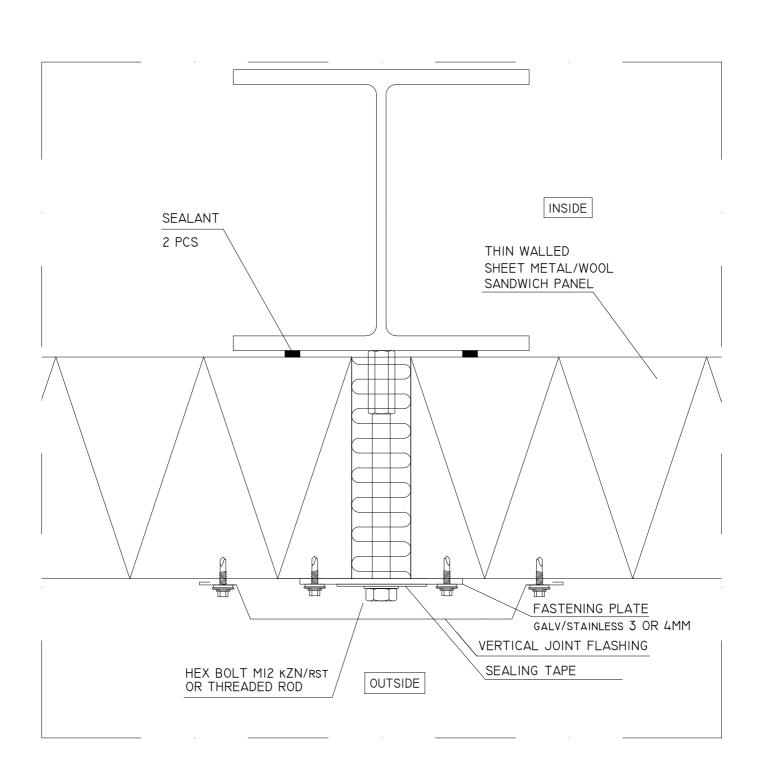
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 FASTENING TO TIMBER COLUMN HORIZONTAL SECTION

D-22-EN



The gap between elements min. 40mm, is caulked with mineral wool. Fasteners minimum distance is 30mm from panel edge. The width of supporting surfaces minimum 50mm. The supporting surface is sealed with sealant band. The gap between elements is covered with sealing tape 70mm.



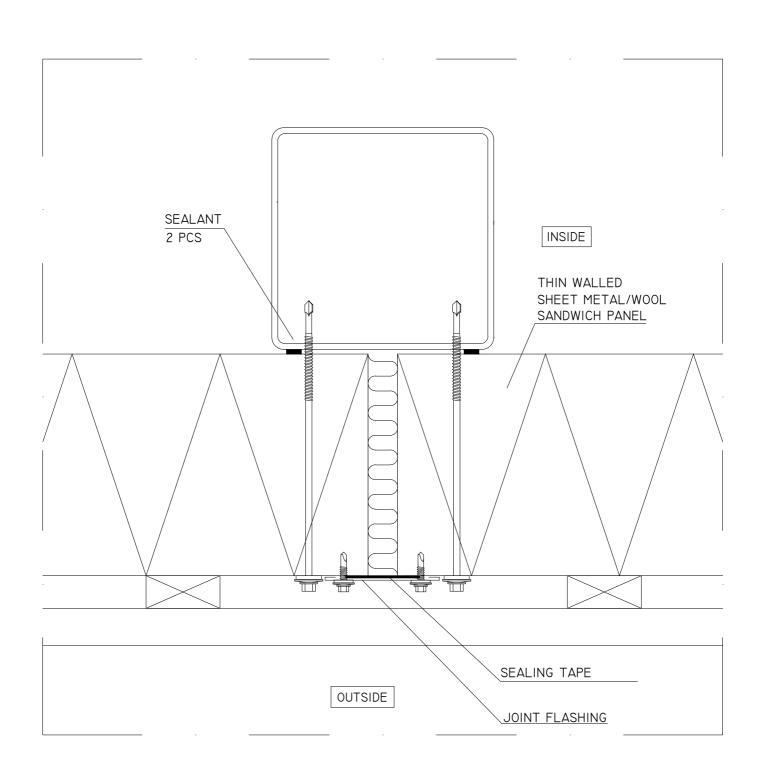


Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020

VEMO FASTENING HORIZONTAL SECTION

FASTENING TO H-STEEL COLUMN

D-23-EN

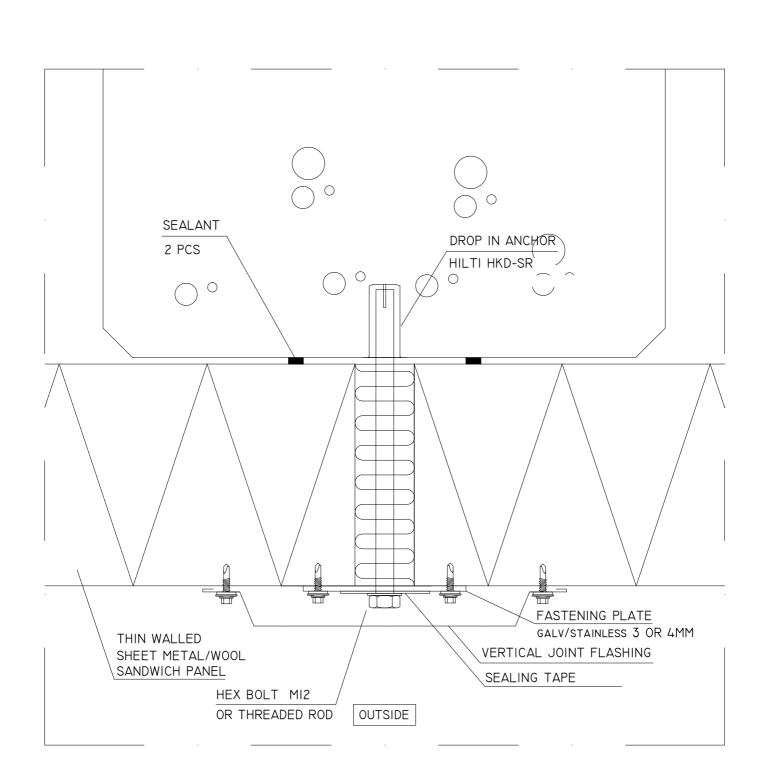


THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL.FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE.THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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DATE 04.2020 FASTENING TO STEEL COLUMN HORIZONTAL SECTION COATED WALL D-24-EN



The gap between elements min. 40mm, is caulked with mineral wool. Fasteners minimum distance is 30mm from panel edge. The width of supporting surfaces minimum 50mm. The supporting surface is sealed with sealant band. The gap between elements is covered with sealing tape 70mm.





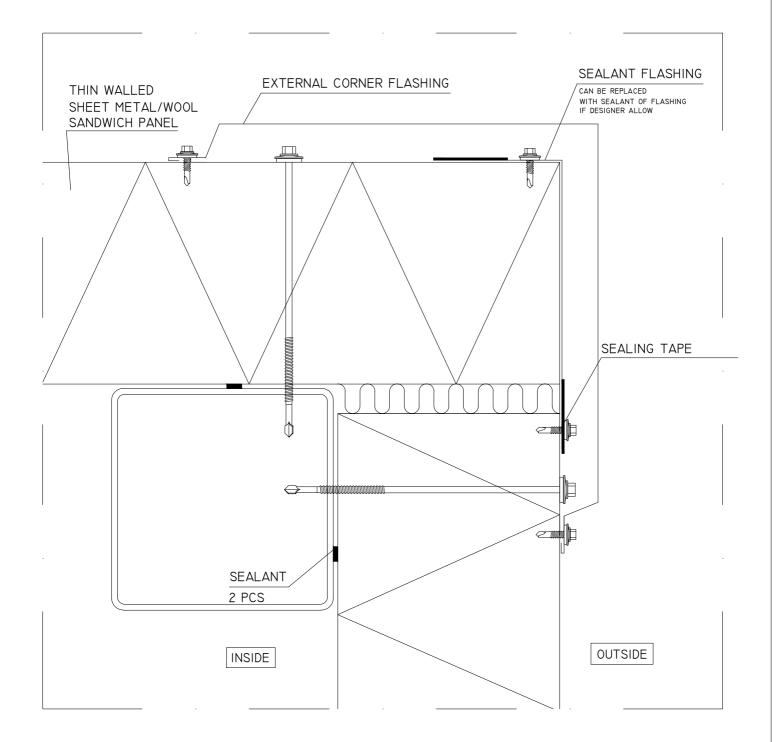
DATE 04.2020

VEMO FASTENING HORIZONTAL SECTION

D-25-EN

EN

FASTENING TO CONCRETE COLUMN



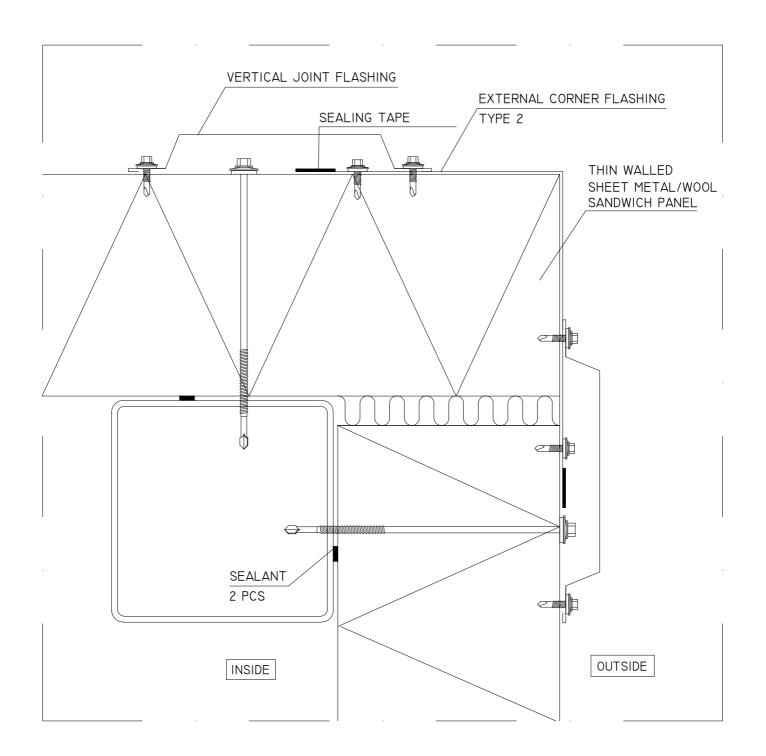
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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DATE 04.2020 EXTERNAL CORNER, STEEL COLUMN HORIZONTAL SECTION

D-30-EN



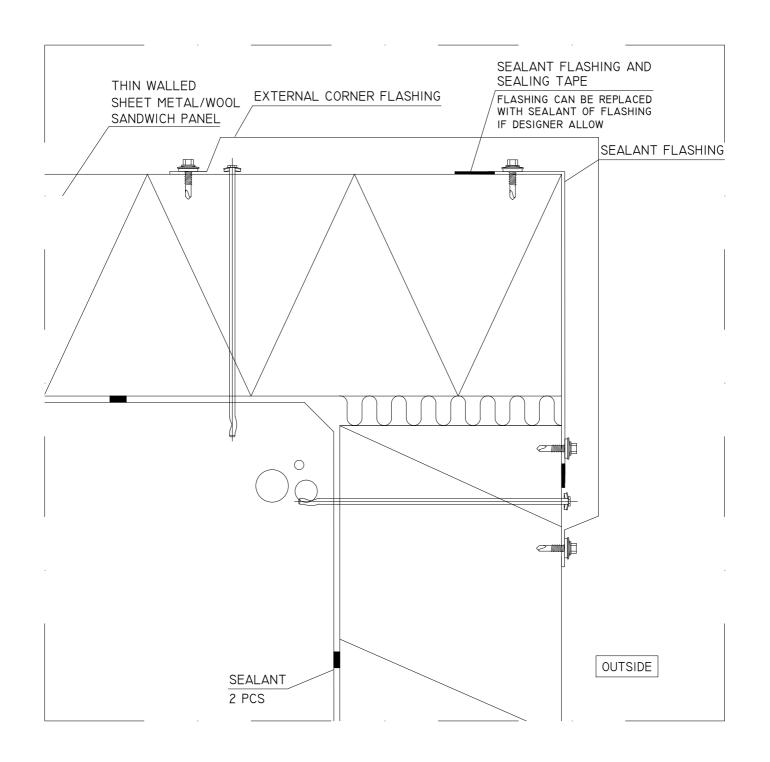
The gap between elements ~20mm, is caulked with mineral wool. Fasteners minimum distance is 30mm from panel edge. The width of supporting surfaces minimum 50mm. The supporting surface is sealed with sealant band. The gap between elements is covered with sealing tape >60mm.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 EXTERNAL CORNER, STEEL COLUMN TYPE 2, HORIZONTAL SECTION

D-3I-EN



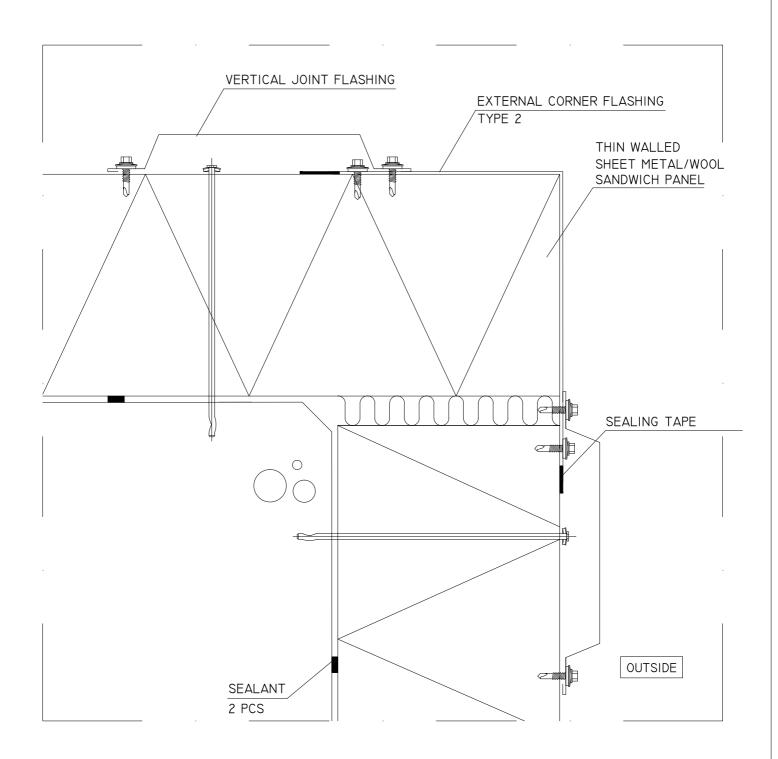
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 EXTERNAL CORNER, CONCRETE COLUMN HORIZONTAL SECTION

D-32-EN



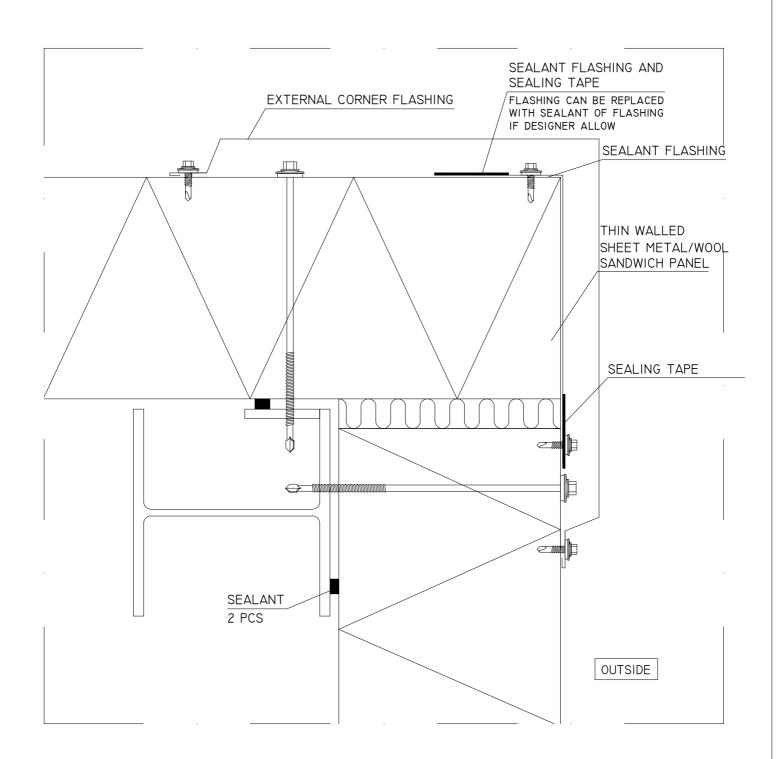
The gap between elements ~20mm, is caulked with mineral wool. Fasteners minimum distance is 30mm from panel edge. The width of supporting surfaces minimum 50mm. The supporting surface is sealed with sealant band. The gap between elements is covered with sealing tape >60mm.

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DATE 04.2020 EXTERNAL CORNER, CONCRETE COLUMN TYPE 2, HORIZONTAL SECTION

D-33-EN



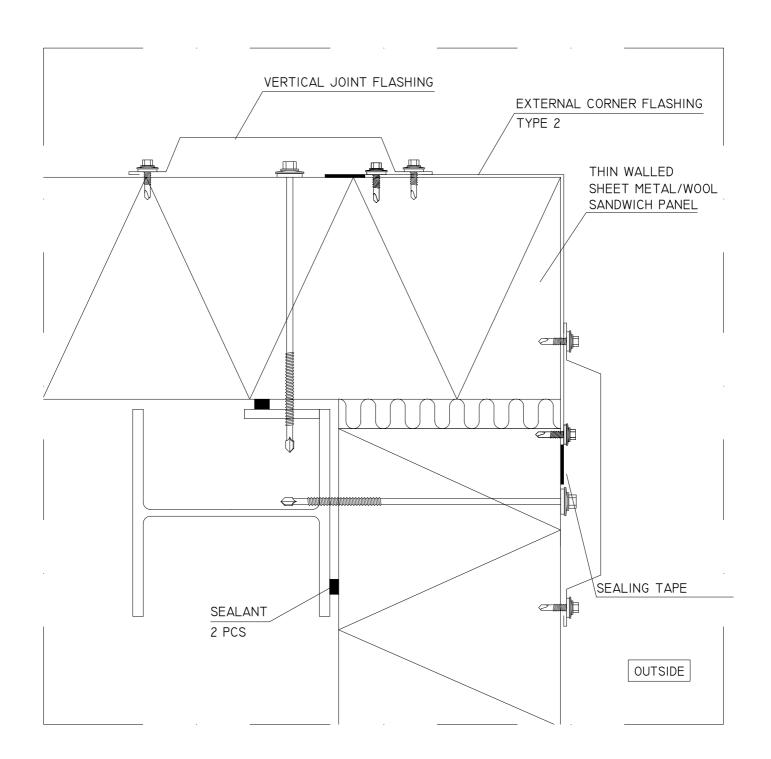
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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DATE 04.2020 EXTERNAL CORNER, H-STEEL COLUMN HORIZONTAL SECTION

D-34-EN



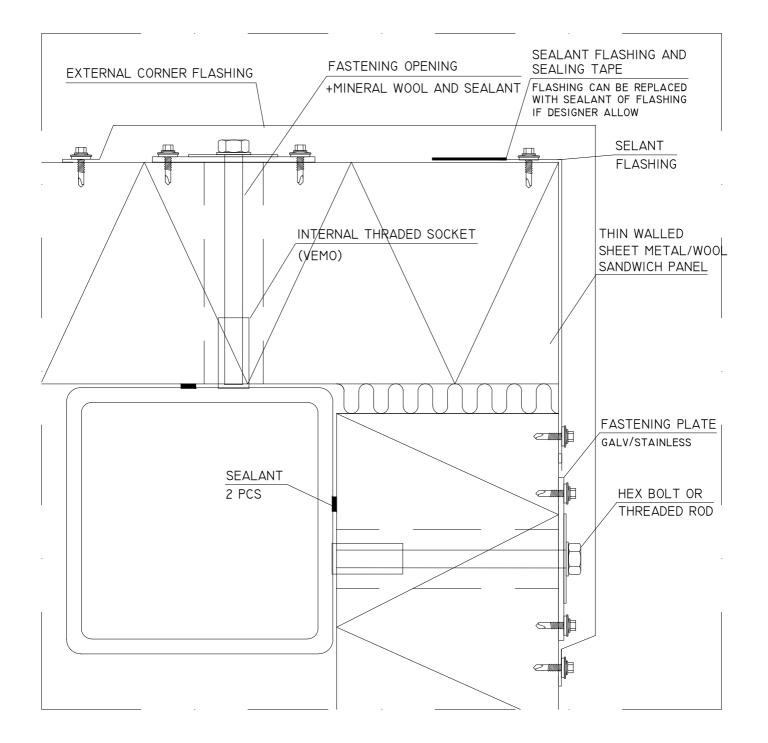
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM. RECOMMEDED TO 175-240MM PANELS.

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DATE 04.2020 EXTERNAL CORNER, H-STEEL COLUMN TYPE 2, HORIZONTAL SECTION

D-35-EN



The gap between elements ~20mm, is caulked with mineral wool. Minimum edge distance of fastening is 30mm from the edge of element. The width of supporting surfaces minimum 50mm. Supporting surface will be sealed.

- Internal threaded socket 35-50mm, welded to the frame
- HEX BOLT (THREADED ROD) MI2-MI6, WITH CORROSIVITY CATEGORY OF MATERIAL
- FASTENING PLATE 3 OR 4MM, WITH CORROSIVITY CATEGORY OF MATERIAL

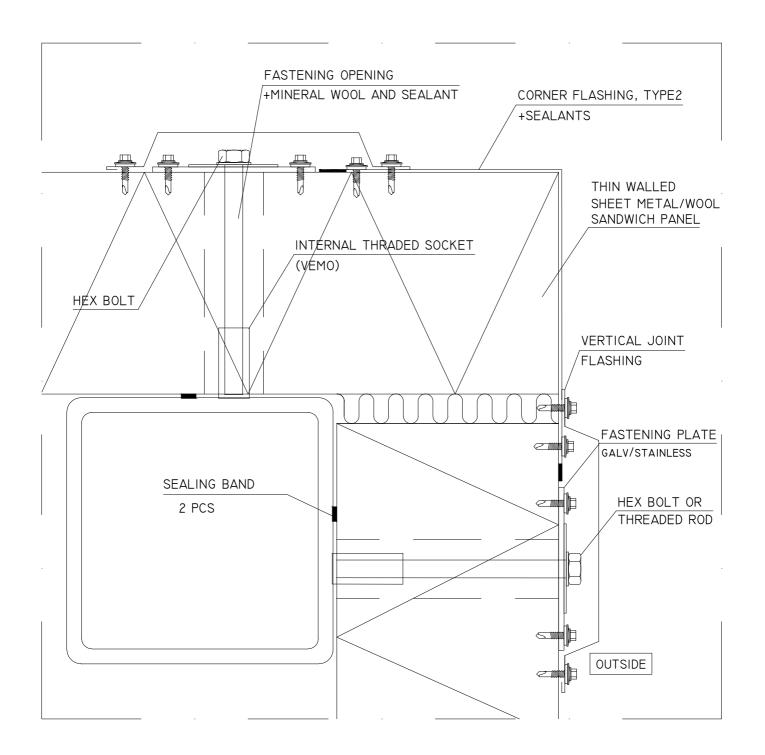
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VEMO FASTENING HORIZONTAL SECTION

D-36-EN

EXTERNAL CORNER, THICK WALL COLUMN



The gap between elements ~20mm, is caulked with mineral wool. Minimum edge distance of fastening is 30mm from the edge of element. The width of supporting surfaces minimum 50mm. Supporting surface will be sealed.

- Internal threaded socket 35-50mm, welded to the frame
- HEX BOLT (THREADED ROD) MI2-MI6, WITH CORROSIVITY CATEGORY OF MATERIAL
- FASTENING PLATE 3 OR 4MM, WITH CORROSIVITY CATEGORY OF MATERIAL

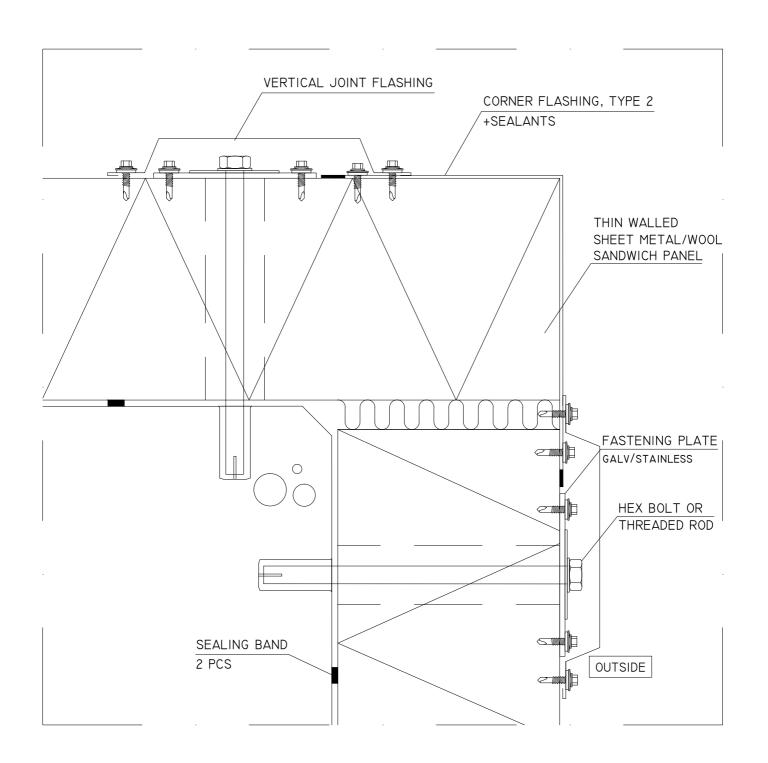
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EXTERNAL CORNER, THICK WALL COLUMN



HORIZONTAL SECTION

VEMO FASTENING, TYPE 2



The gap between elements ~20mm, is caulked with mineral wool. Minimum edge distance of fastening is 30mm from the edge of element. The width of supporting surfaces minimum 50mm. Supporting surface will be sealed.

- DROP-IN ANCHOR, WITH CORROSIVITY CATEGORY OF MATERIAL
- HEX BOLT (THREADED ROD) MI2-MI6, WITH CORROSIVITY CATEGORY OF MATERIAL
- FASTENING PLATE 3 OR 4MM, WITH CORROSIVITY CATEGORY OF MATERIAL

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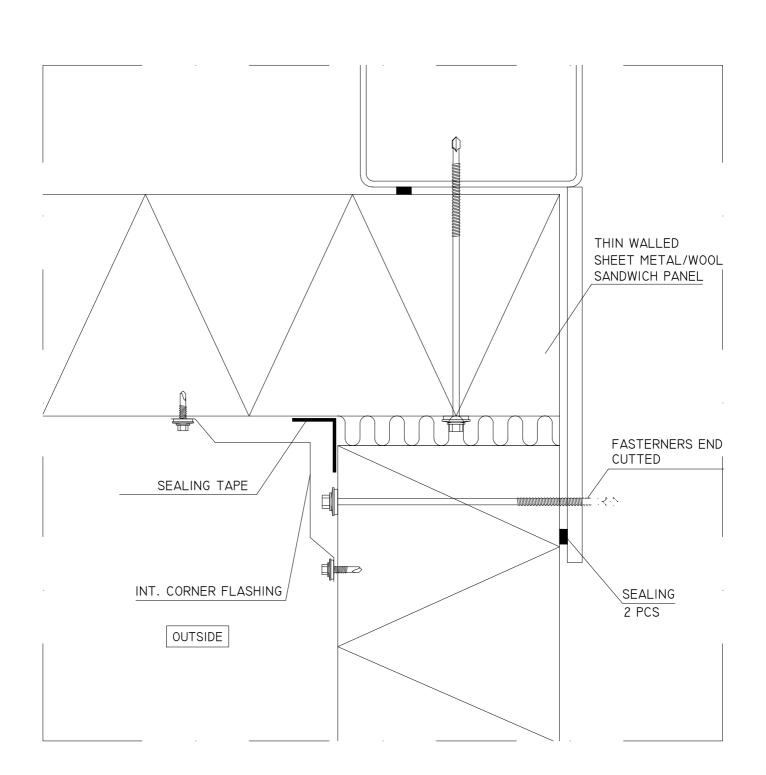


DATE 04.2020

HORIZONTAL SECTION D-38-EN

TYPE 2, VEMO FASTENING

EXTERNAL CORNER, CONCRETE COLUMN



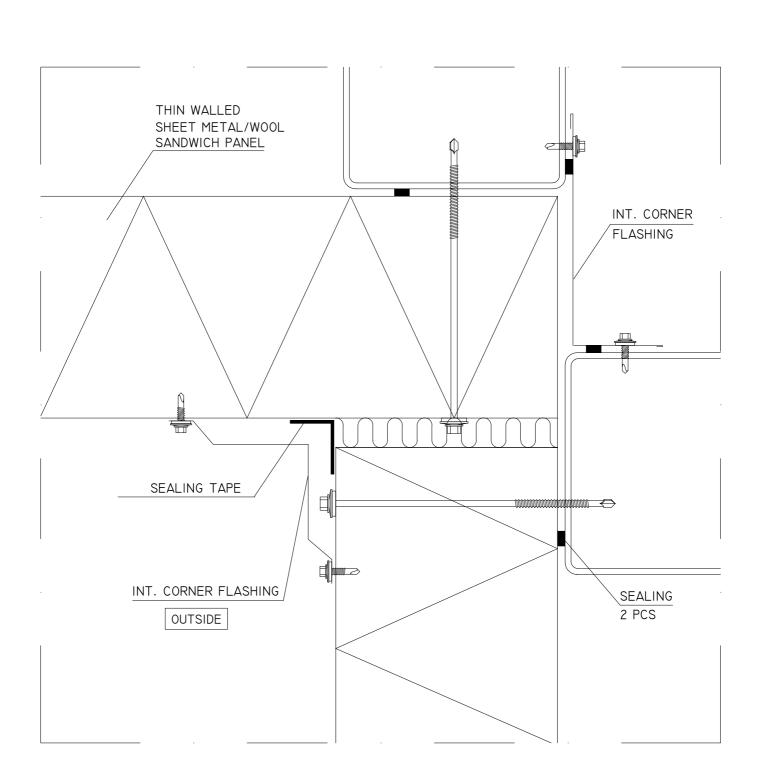
THE GAP BETWEEN ELEMENTS ~20MM, IS CAULKED WITH MINERAL WOOL. FASTENERS MINIMUM DISTANCE IS 30MM FROM PANEL EDGE. THE WIDTH OF SUPPORTING SURFACES MINIMUM 50MM. THE SUPPORTING SURFACE IS SEALED WITH SEALANT BAND. THE GAP BETWEEN ELEMENTS IS COVERED WITH SEALING TAPE >60MM.

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DATE 04.2020 INTERNAL CORNER, STEEL COLUMN HORIZONTAL SECTION

D-39-EN



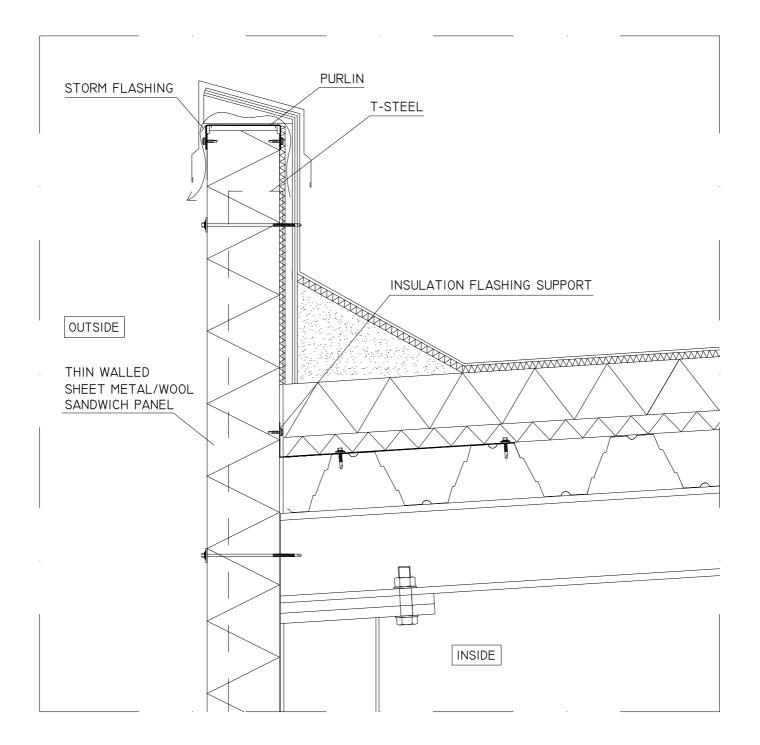
The gap between elements ~20mm, is caulked with mineral wool. Fasteners minimum distance is 30mm from panel edge. The width of supporting surfaces minimum 50mm. The supporting surface is sealed with sealant band. The gap between elements is covered with sealing tape >60mm.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 INTERNAL CORNER, STEEL COLUMN, TYPE 2 HORIZONTAL SECTION

D-40-EN



THE INSULATION SUPPORT WILL BE CUTTED TO 625. IT WILL BE FASTENED ON THE TOP SIDE ONLY, IF THERE IS NEEDED MARGIN FOR MOVEMENT. STRUCTURAL DETAILS AND INSULATION BASED ON STRUCTURAL DESIGN.

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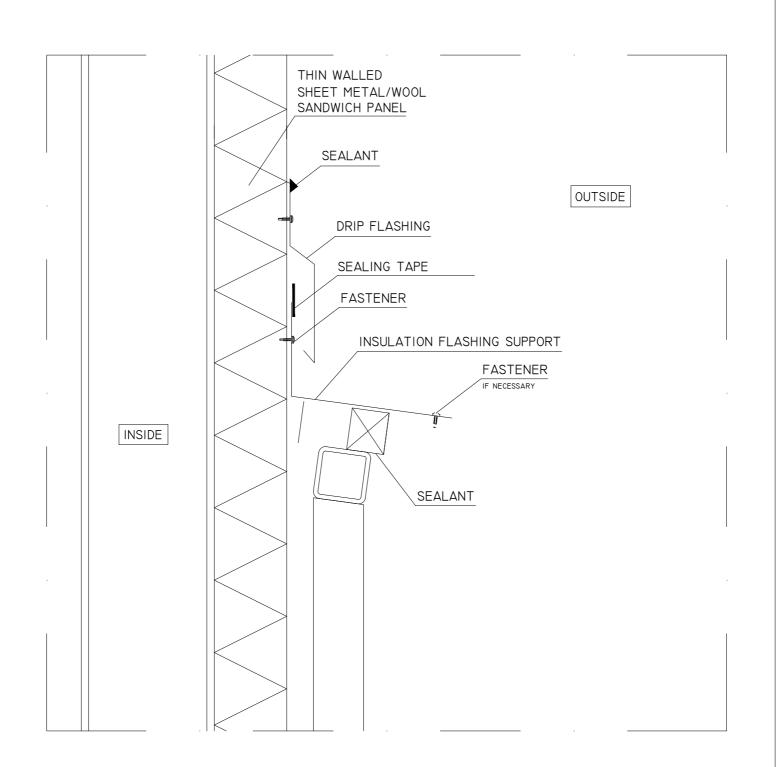


Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020

PARAPET, END EAVES

VERTICAL SECTION

D-4I-EN



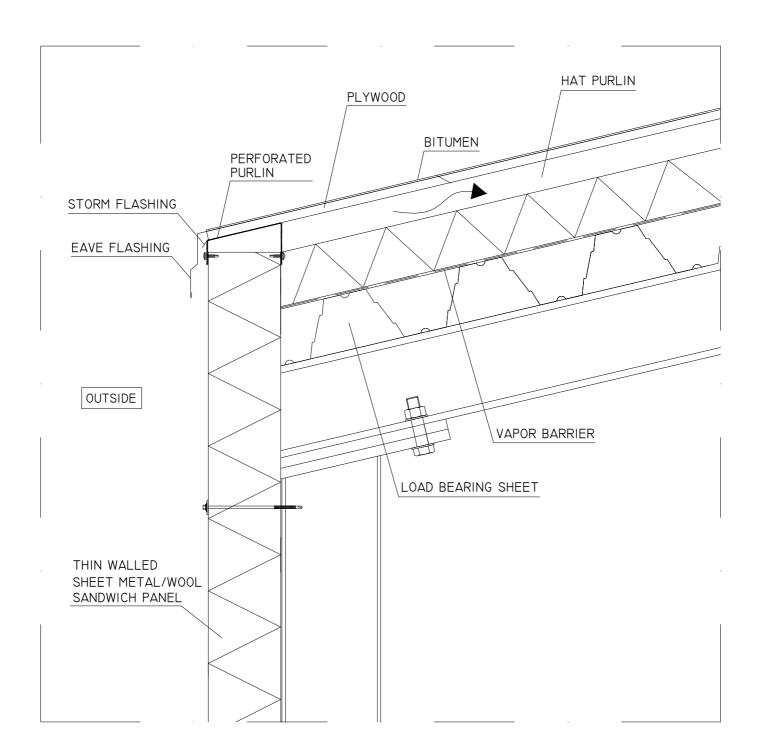
THE INSULATION SUPPORT WILL BE CUTTED TO 625. IT WILL BE FASTENED ON THE TOP SIDE ONLY, IF THERE IS NEEDED MARGIN FOR MOVEMENT. STRUCTURAL DETAILS AND INSULATION BASED ON STRUCTURAL DESIGN.

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Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 JOINT OF WALL AND CANOPY

D-42-EN



THERE ARE DRAIN HOLES IN THE PURLING TO VENTILATE STRUCTURE.

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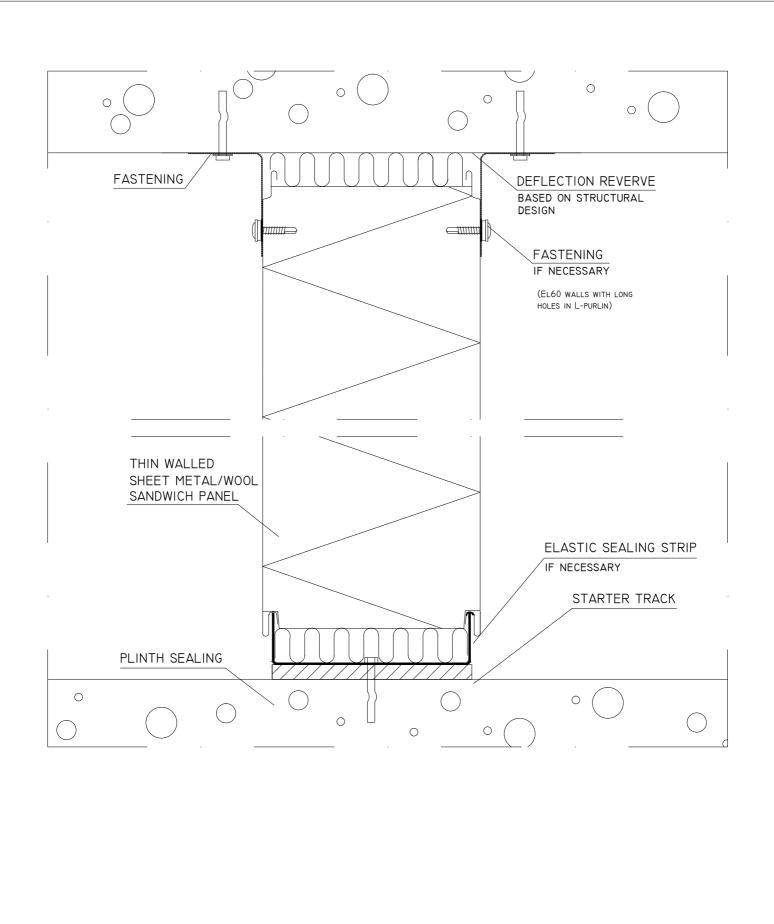


Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020

D-50-EN

EAVES, VENTILATED

VERTICAL SECTION

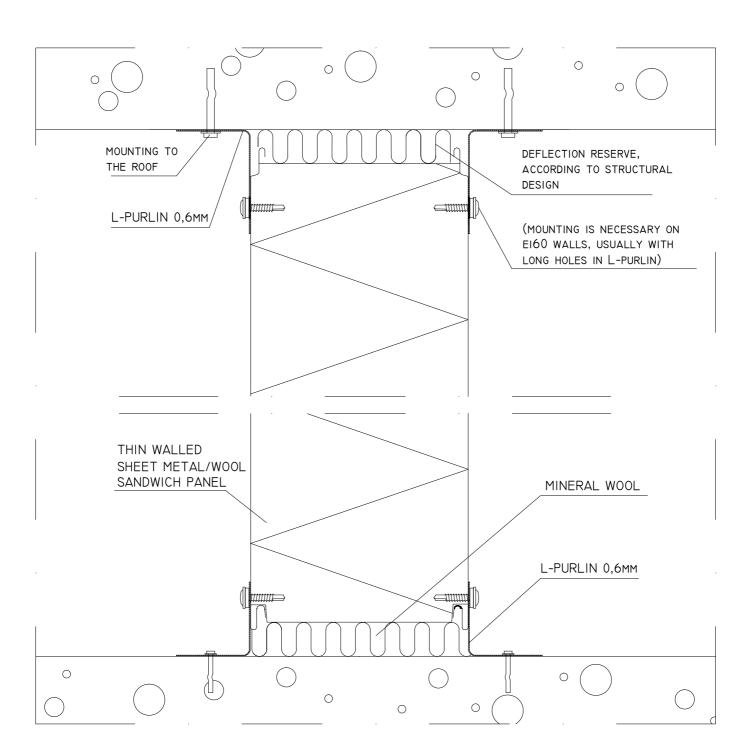


PRINCIPLE MASTER DETAIL, NOT FOR DIMENSIONING. TURUN PELTI JA ERISTYS LTD, ALL RIGHTS RESERVED



Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 DIVIDING WALL, TOP AND BOTTOM END HORIZONTAL INSTALLATION VERTICAL SECTION

D-5I-EN

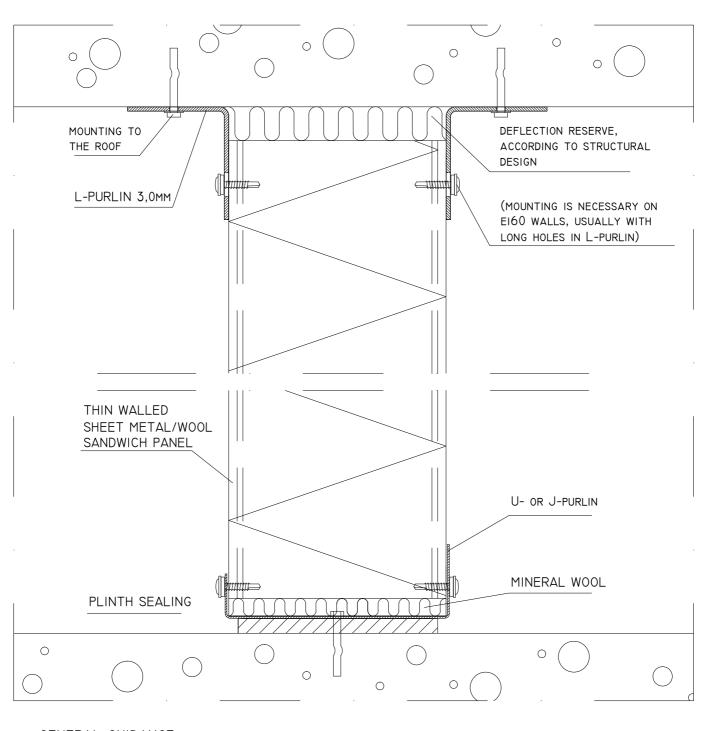


HORIZONTAL ASSEMBLY, ELEMENT MOUNTING TO LOAD BEARING WALL OR COLUMNS. DETAIL IS ALLOWED TO FIRE CLASS EI60 AND UNDER.

TURUN PELTI JA ERISTYS OY VARESPELLONTIE 10 21500 piikkiö

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DATE 04.2020	DIVIDING WALL, TOP AND BOTTOM END HORIZONTAL INSTALLATION VERTICAL SECTION
	D-52-EN



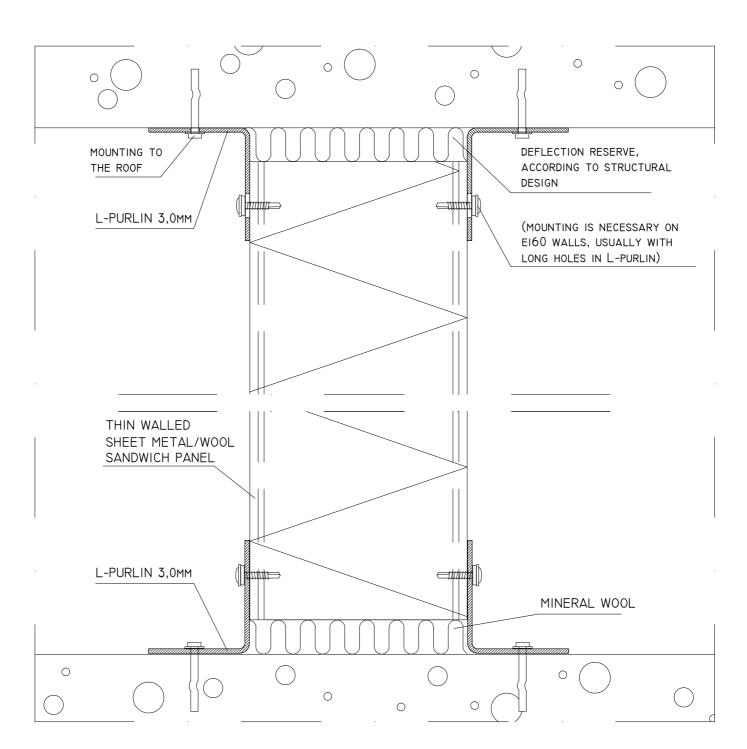
<u>GENERAL GUIDANCE</u> VERTICAL ASSEMBLY, ELEMENT MOUNTING TO FLOOR AND TO ROOF.

PRINCIPLE MASTER DETAIL, NOT FOR DIMENSIONING. TURUN PELTI JA ERISTYS LTD, ALL RIGHTS RESERVED



Turun pelti ja eristys oy varespellontie 10 21500 piikkiö DATE 04.2020 DIVIDING WALL, TOP AND BOTTOM END VERTICAL INSTALLATION VERTICAL SECTION

D-53-EN



VERTICAL ASSEMBLY, ELEMENT MOUNTING TO FLOOR AND TO ROOF. DETAIL IS ALLOWED TO FIRE CLASS E160 AND UNDER. IF THE THICKNES OF THE ELEMENT >150mm detail is allowed to fire class E1120.



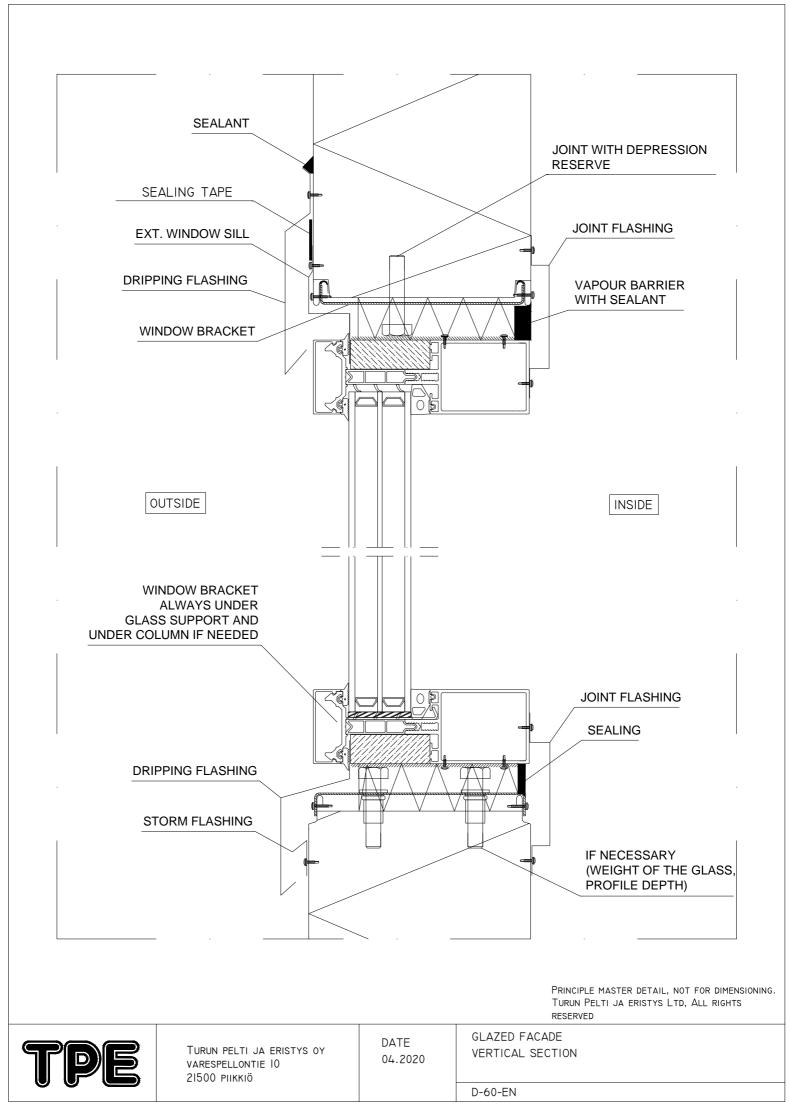
TURUN PELTI JA ERISTYS OY VARESPELLONTIE 10 21500 piikkiö

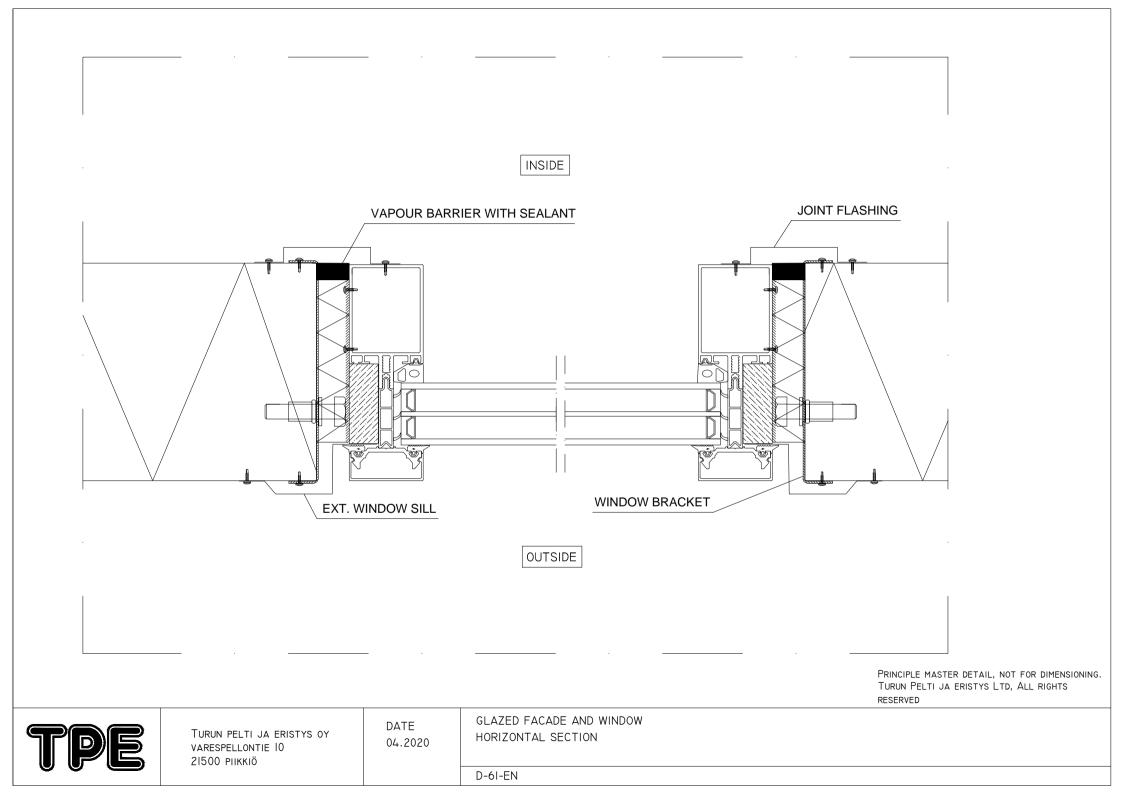
DATE 04.2020 DIVIDING WALL, TOP AND BOTTOM END VERTICAL INSTALLATION VERTICAL SECTION

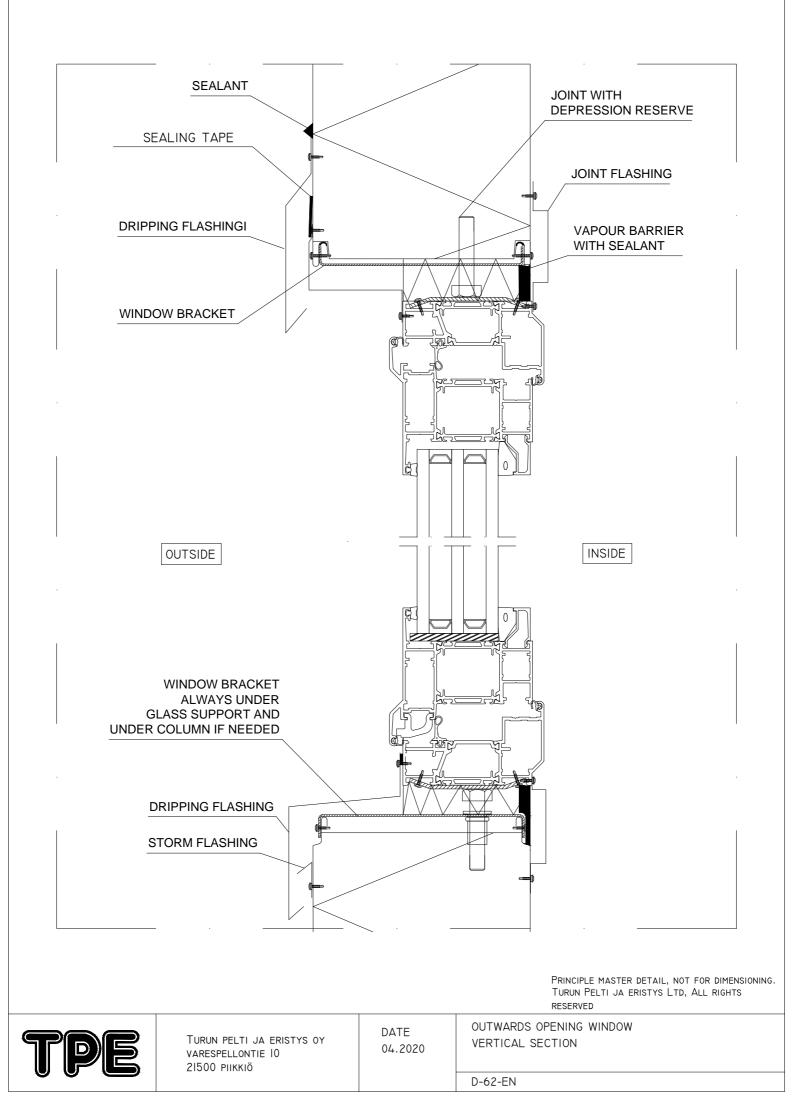
RESERVED

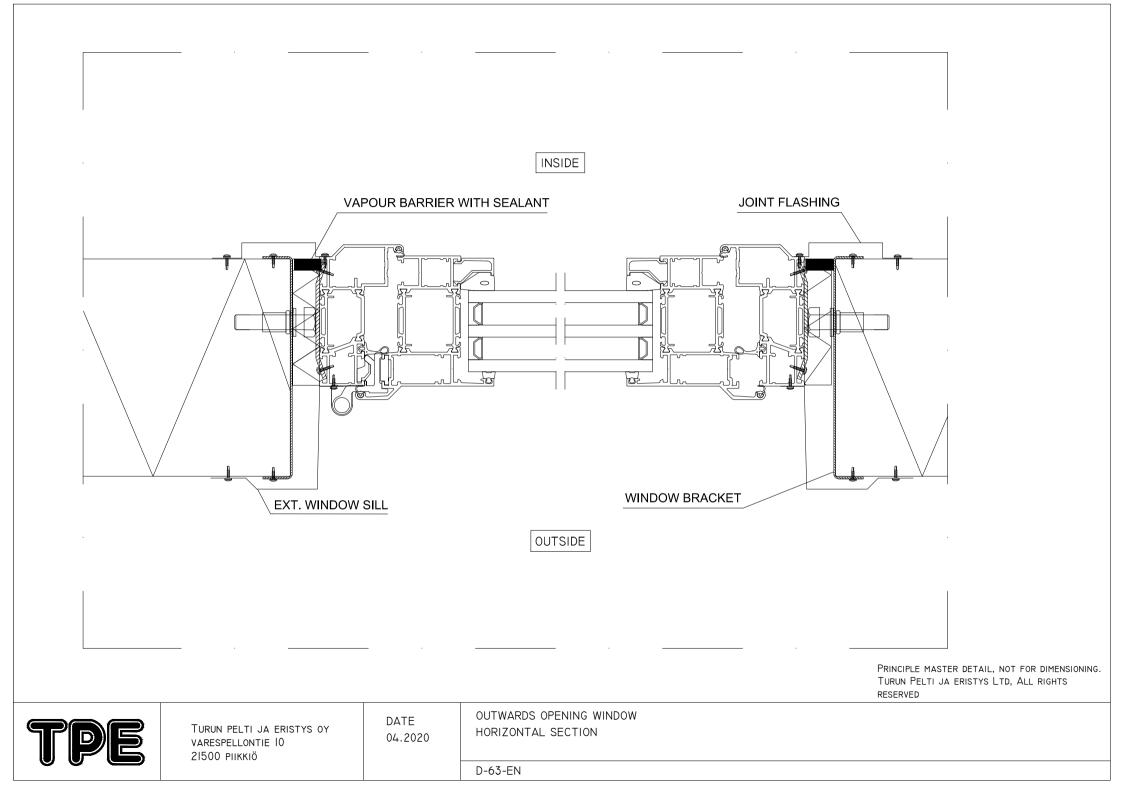
PRINCIPLE MASTER DETAIL, NOT FOR DIMENSIONING. TURUN PELTI JA ERISTYS LTD, ALL RIGHTS

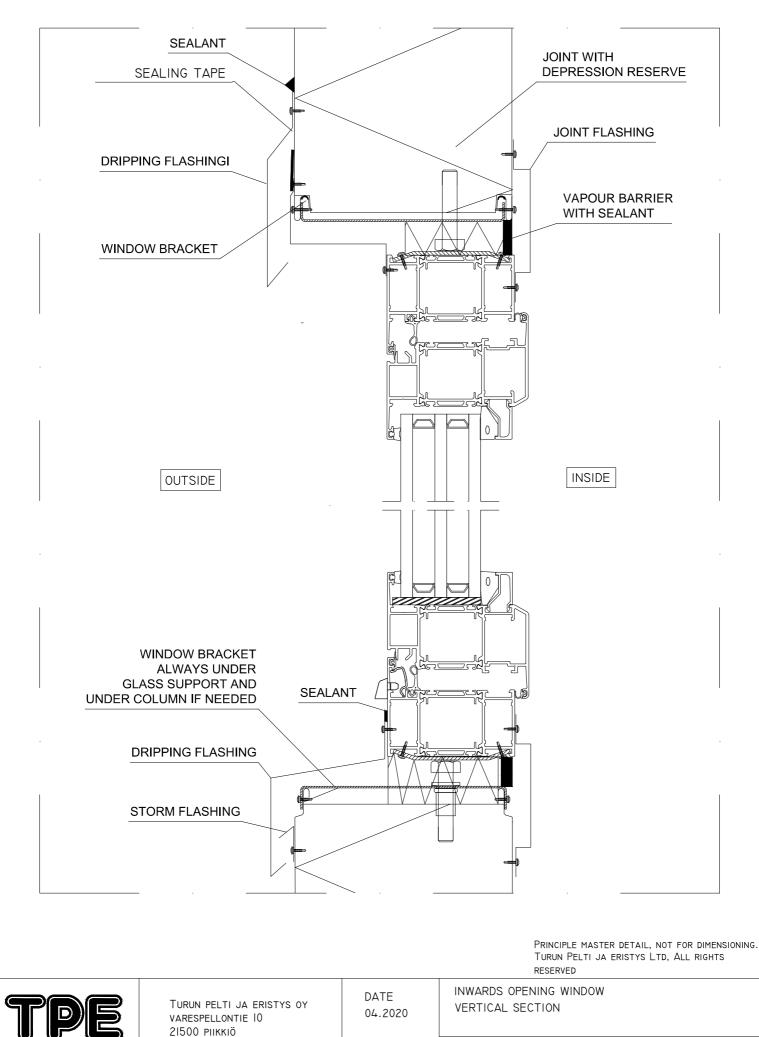
D-54-EN



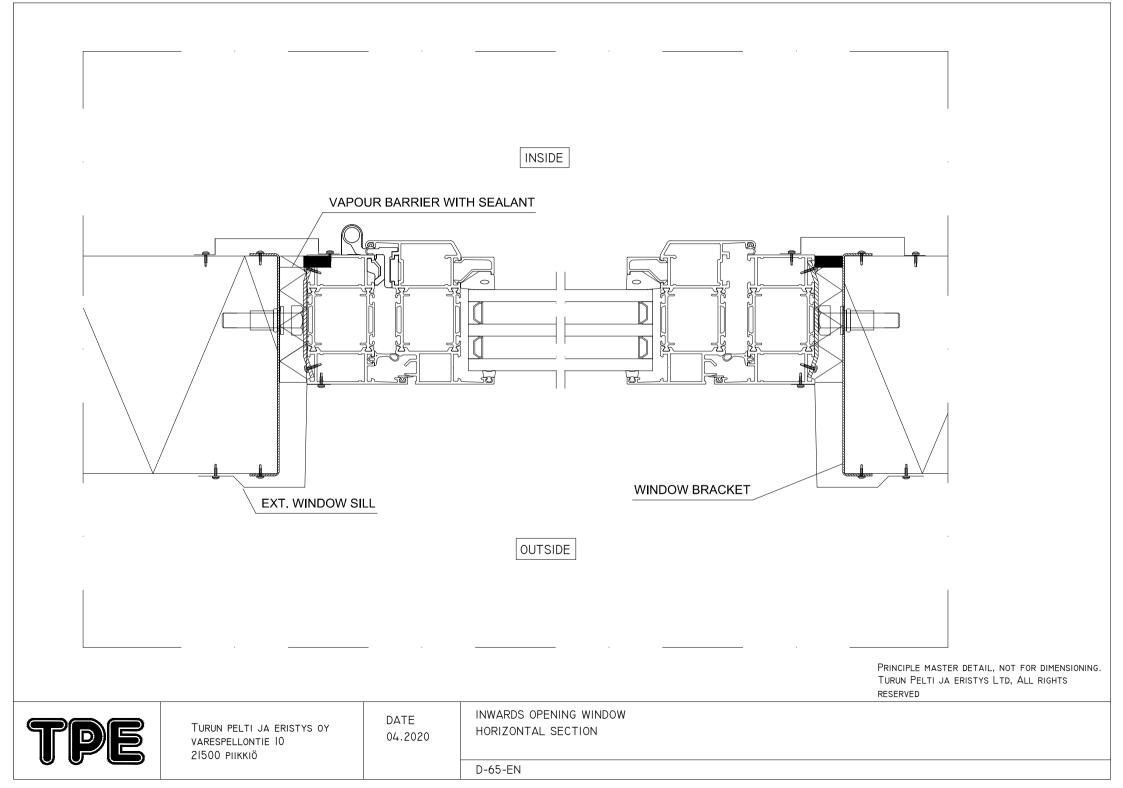


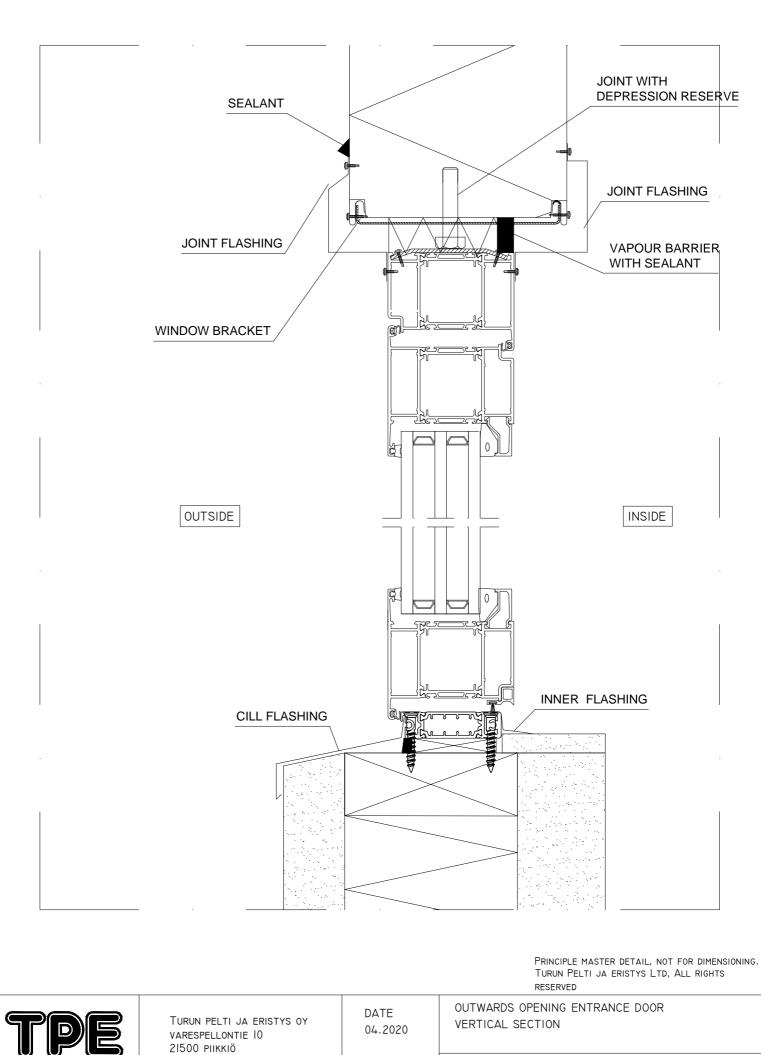




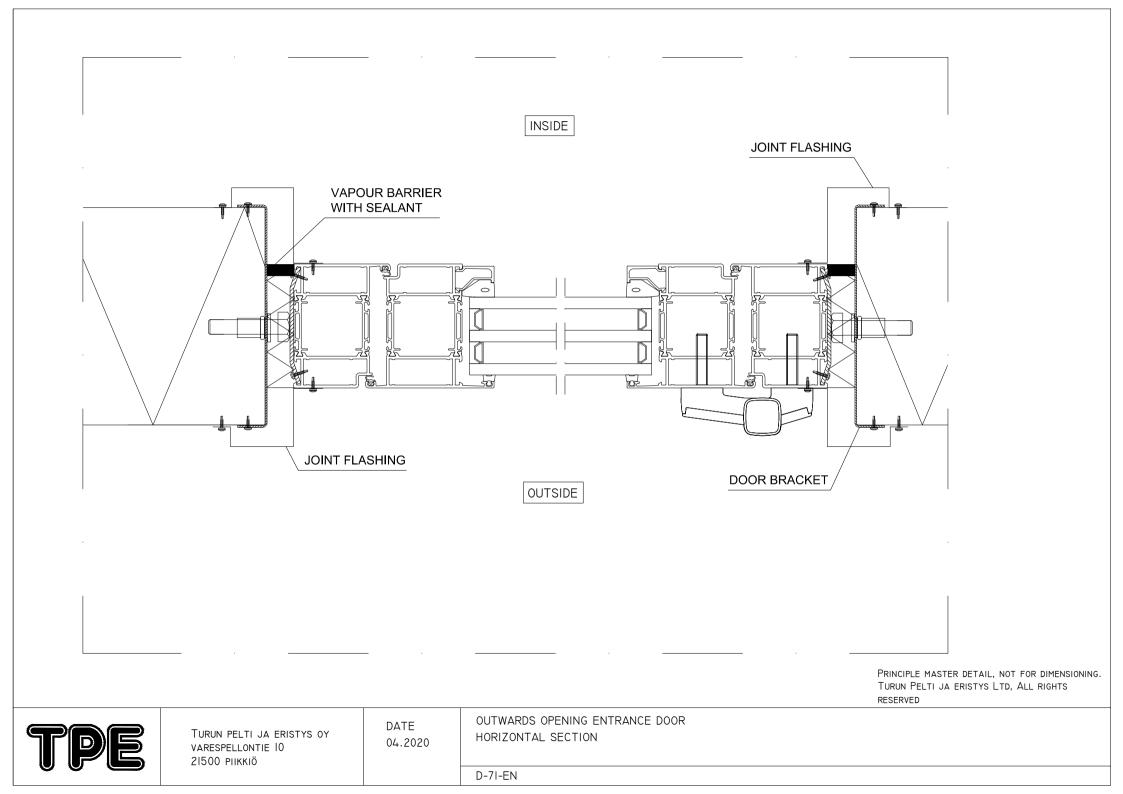


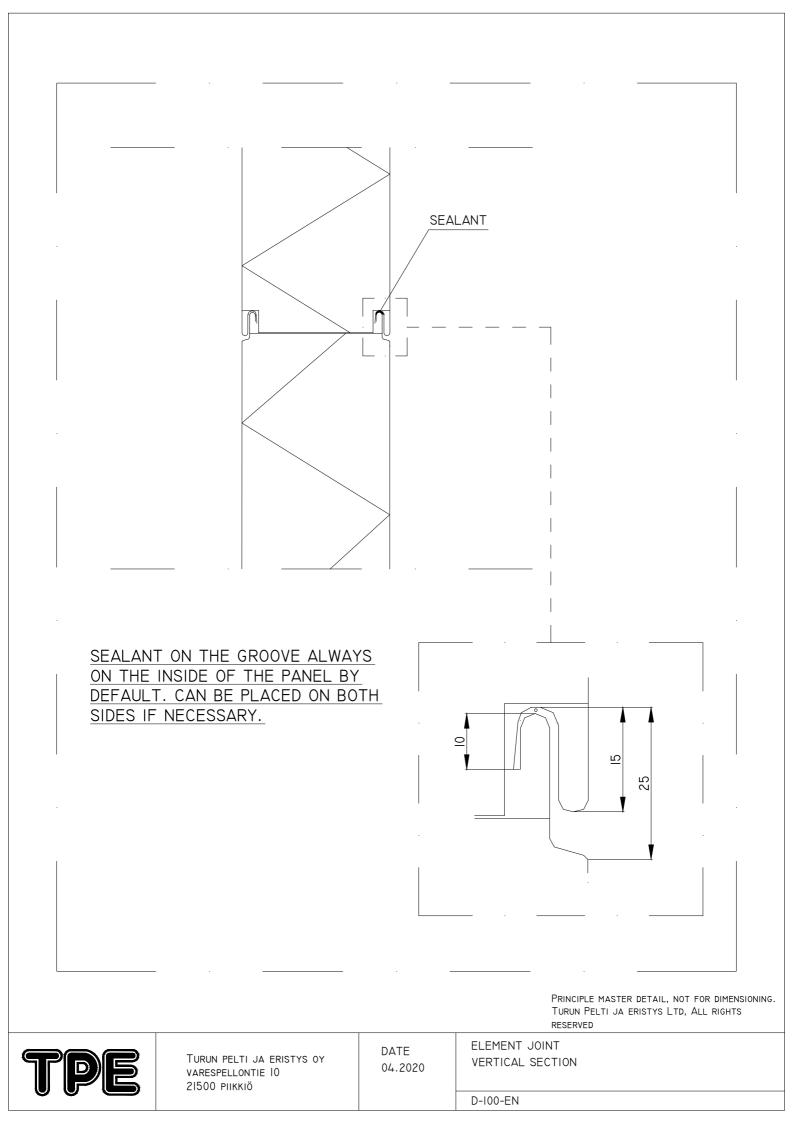
D-64-EN

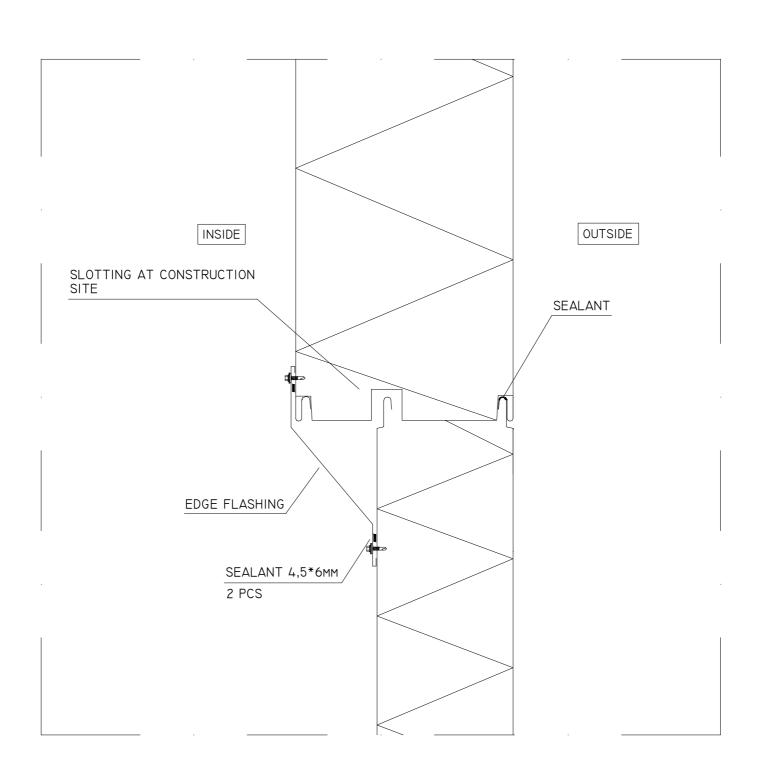




D-70-EN







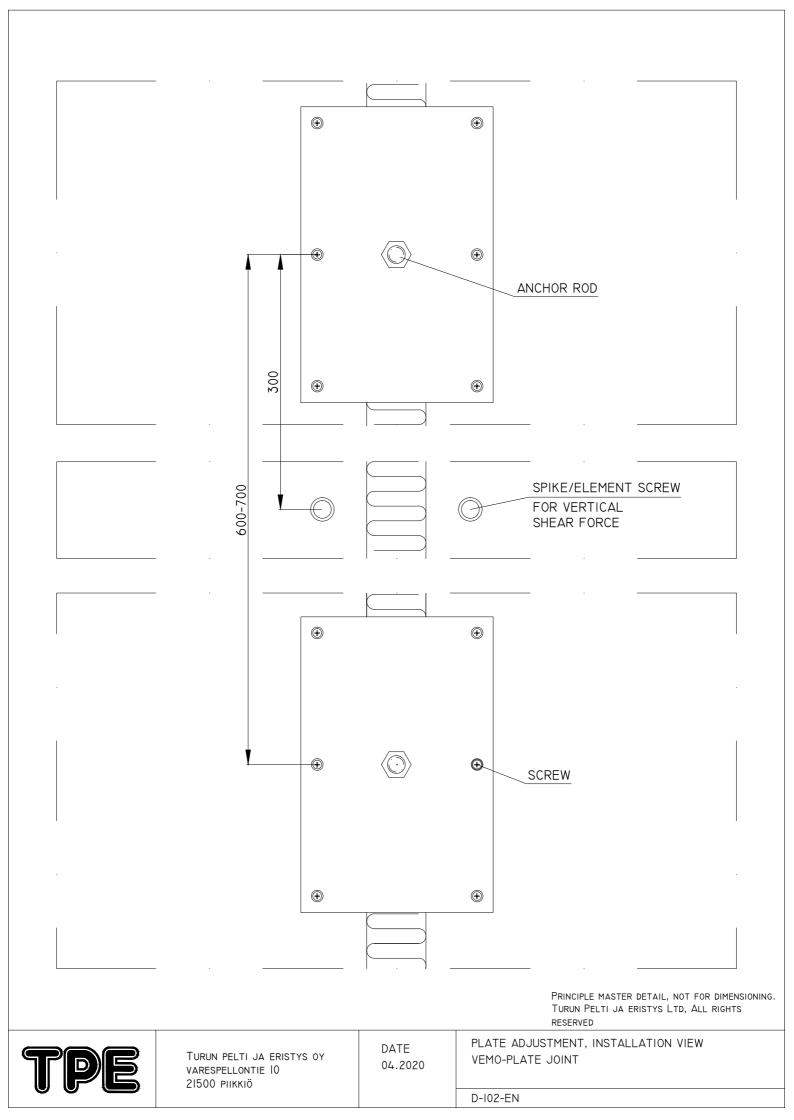
THE FLASHING OF THE INTERIOR WILL BE SEALED STEAM-PROOFLY AND THE SEQUEL JOIN OF THE FLASHING WILL BE PUTTIED. UPPER ELEMENT'S WOOL GROOVE WILL BE ROUTED OFF AT CONSTRUCTION SITE.

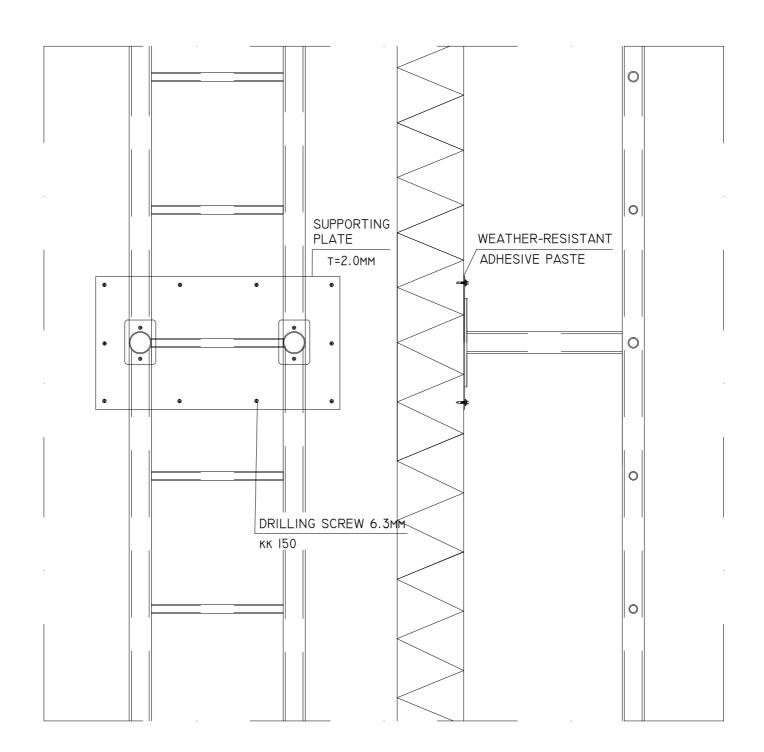
PRINCIPLE MASTER DETAIL, NOT FOR DIMENSIONING. TURUN PELTI JA ERISTYS LTD, ALL RIGHTS RESERVED



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D-101-EN





SURFACE BONDING FOR THE WALL LADDER WHICH ARE MEANT FOR OCCASIONAL USE. MOUNTING THROUGH THE ELEMENT FOR GENERAL USE, SUPPORTING PLATE FOR BOTH SIDE OF THE ELEMENT.

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D-103-EN