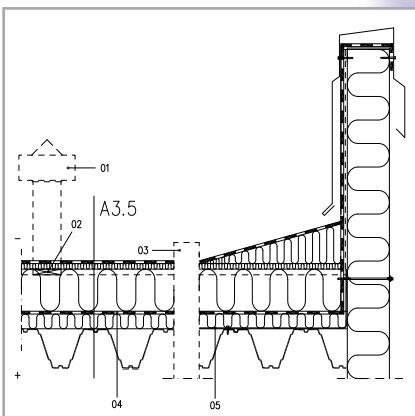
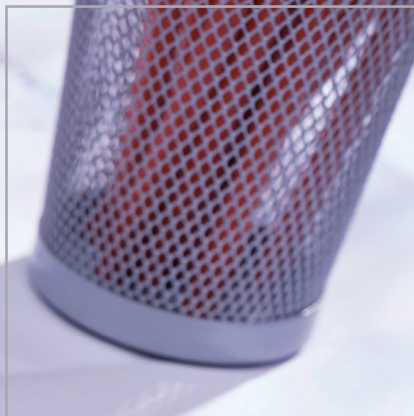
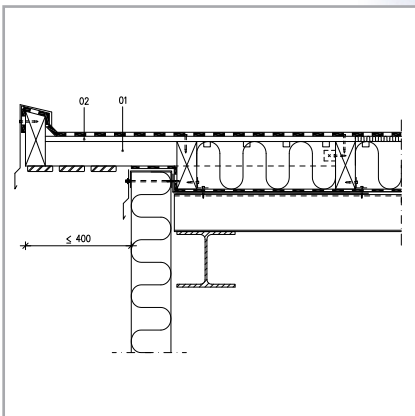


# CAD Drawings

## Building Insulation



# Contents

## CAD Drawings, Building Insulation

DESCRIPTION	DETAIL NUMBER
<b>ROOFS</b>	
Flat roofs, Double T-slabs	R-FR-10-1
Flat roofs, Corrugated steel	R-FR-20-1, R-FR-20-2
Flat roofs, Hollow-core slabs	R-FR-40-1
Flat roofs, Flat roof connections	R-FR-50-1, R-FR-50-1-1, R-FR-50-1-2, R-FR-50-1-3, R-FR-50-1-4, R-FR-50-1-5, R-FR-50-1-6, R-FR-50-1-7, R-FR-50-1-8, R-FR-50-1-9, R-FR-50-1-10, R-FR-50-1-11, R-FR-50-1-12, R-FR-50-1-13
Pitched roofs, Roof trusses	R-PR-10-1, R-PR-10-2, R-PR-10-3, R-PR-10-4
Pitched roofs, Joisted roofs	R-PR-20-1, R-PR-20-2, R-PR-20-3, R-PR-20-4
<b>WALLS</b>	
Rendered facades, Thin rendering	W-RF-10-1, W-RF-10-2
Rendered facades, Thick rendering	W-RF-20-1
Ventilated facades, Timber frame walls	W-VF-10-0, W-VF-10-1, W-VF-10-2, W-VF-10-3, W-VF-10-4, W-VF-10-5, W-VF-10-6, W-VF-10-7, W-VF-10-8, W-VF-10-9, W-VF-10-10, W-VF-10-11, W-VF-10-12, W-VF-10-13, W-VF-10-14
Ventilated facades, Stone walls	W-VF-20-1, W-VF-20-2, W-VF-20-7, W-VF-20-8, W-VF-20-9, W-VF-20-10, W-VF-20-11
Ventilated facades, Industrial walls	W-VF-40-1
Massive walls, Log walls	W-MW-10-1
Cellar walls	W-CW-10-1, W-CW-10-2
Sandwich panel core, Concrete panels	W-SW-10-1, W-SW-10-2
Partitions, Compartmentation partitions	W-PW-20-1, W-PW-20-5, W-PW-20-6, W-PW-20-7, W-PW-20-8
<b>FLOORS</b>	
Intermediate floors, Timber floor	F-IF-10-1
Intermediate floors, Concrete floor	F-IF-20-1, F-IF-20-2, F-IF-20-3, F-IF-20-4, F-IF-20-5, F-IF-20-6, F-IF-20-7
Ground slabs	F-GS-10-1, F-GS-10-2, F-GS-10-3, F-GS-10-4
Ventilated floors	F-VF-10-1, F-VF-10-2, F-VF-10-3
<b>GROUND</b>	
Foundations	G-F-10-1, G-F-10-2, G-F-10-3, G-F-10-4



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

R-FR-10.1

Type:

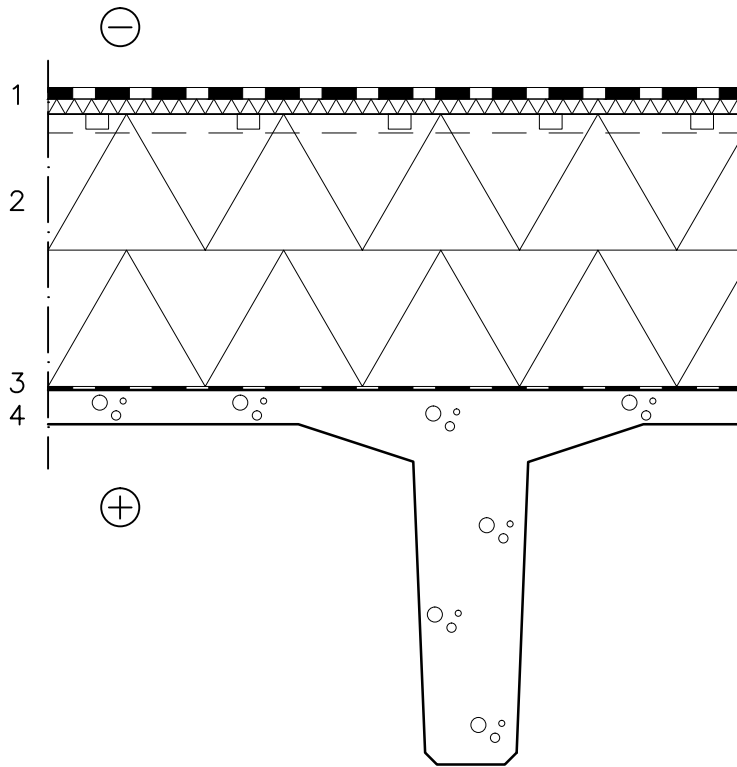
VENTILATED FLAT ROOF

Subject:

DOUBLE T-SLAB

Notice: Principle Detail

Project specific changes are designer's responsibility



20mm  
180mm  
180mm

- 1 WATERPROOFING: Bitumen roofing felt
- 2 THERMAL INSULATION:  
PAROC ROB 80t  
PAROC ROS 30g  
PAROC ROS 30
- 3 VAPOUR BARRIER, Bitumen felt
- 4 SUPPORTING STRUCTURE, Double T-slab  
(Tilting on the supporting structure)

U-value

0.09 W/m<sup>2</sup>K



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

R-FR-20.1

Type:

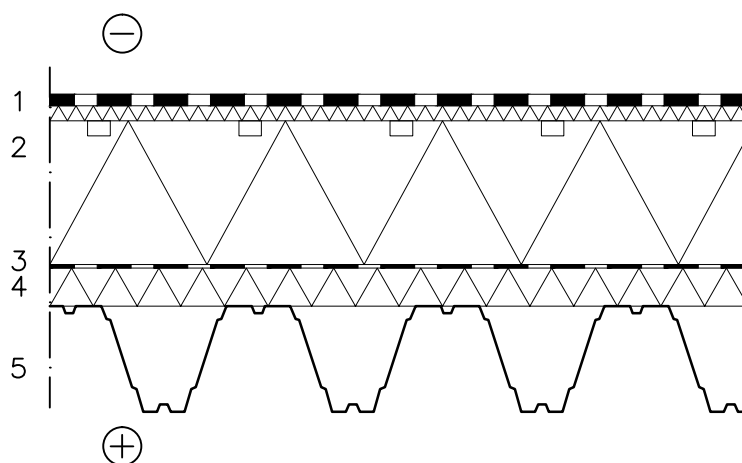
VENTILATED FLAT ROOF

Subject:

CORRUGATED SHEET STEEL

Notice: Principle Detail

Project specific changes are designer's responsibility



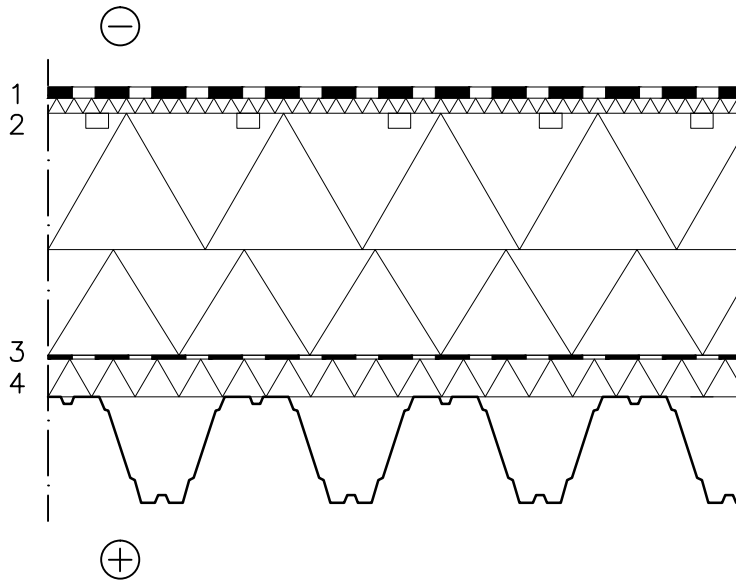
- 1 WATERPROOFING: Bitumen roofing felt
- 2 THERMAL INSULATION:  
20mm PAROC ROB 80t  
190mm PAROC ROS 30g
- 3 VAPOUR BARRIER, Bitumen felt
- 4 THERMAL INSULATION, Underlayer of vapour barrier  
50mm PAROC ROS 50 OR  
PAROC ROB 60 OR  
PAROC ROB 80
- 5 SUPPORTING STRUCTURE, According to construction plans  
Corrugated sheet steel  
Tilting on the supporting structure
- U-value 0.14 W/m<sup>2</sup>K



Company:	
Date:	
Signature:	
Measurement:	1:10

Detail No.:	R-FR-20.2
Type:	VENTILATED FLAT ROOF
Subject:	CORRUGATED SHEET STEEL

Notice: Principle Detail      Project specific changes are designer's responsibility



- 1 WATERPROOFING: Bitumen roofing felt
- 2 THERMAL INSULATION:  
PAROC ROB 80t  
PAROC ROS 30g  
PAROC ROS 30
- 3 VAPOUR BARRIER, Bitumen felt
- 4 THERMAL INSULATION, Underlayer of vapour barrier  
PAROC ROS 50
- 5 SUPPORTING STRUCTURE, According to construction plans  
Corrugated sheet steel  
Tilting on the supporting structure
- U-value      0.09 W/m<sup>2</sup>K



Company:

Detail No.:

R-FR-40.1

Date:

Type:

VENTILATED FLAT ROOF

Signature:

Subject:

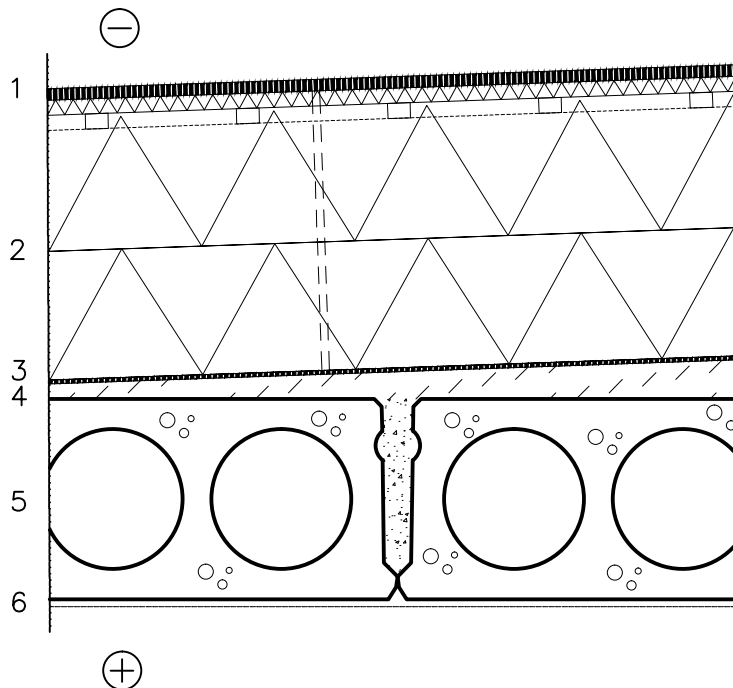
HOLLOW-CORE SLAB

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



20mm  
180mm  
170mm

- 1 WATERPROOFING: Bitumen roofing felt
- 2 THERMAL INSULATION:  
PAROC ROB 80t  
PAROC ROS 30g  
PAROC ROS 30
- 3 VAPOUR BARRIER, Bitumen felt
- 4 TILT LAYER >20 mm  
lightweight aggregate concrete
- 5 SUPPORTING STRUCTURE, according to construction plans
- 6 SURFACE FINISHING

U-value

0.09 W/m<sup>2</sup>K



Company:

Date:

Signature:

Measurement:

Detail No.:

R-FR-50.1

Type: ROOF CONNECTIONS AND DETAILS

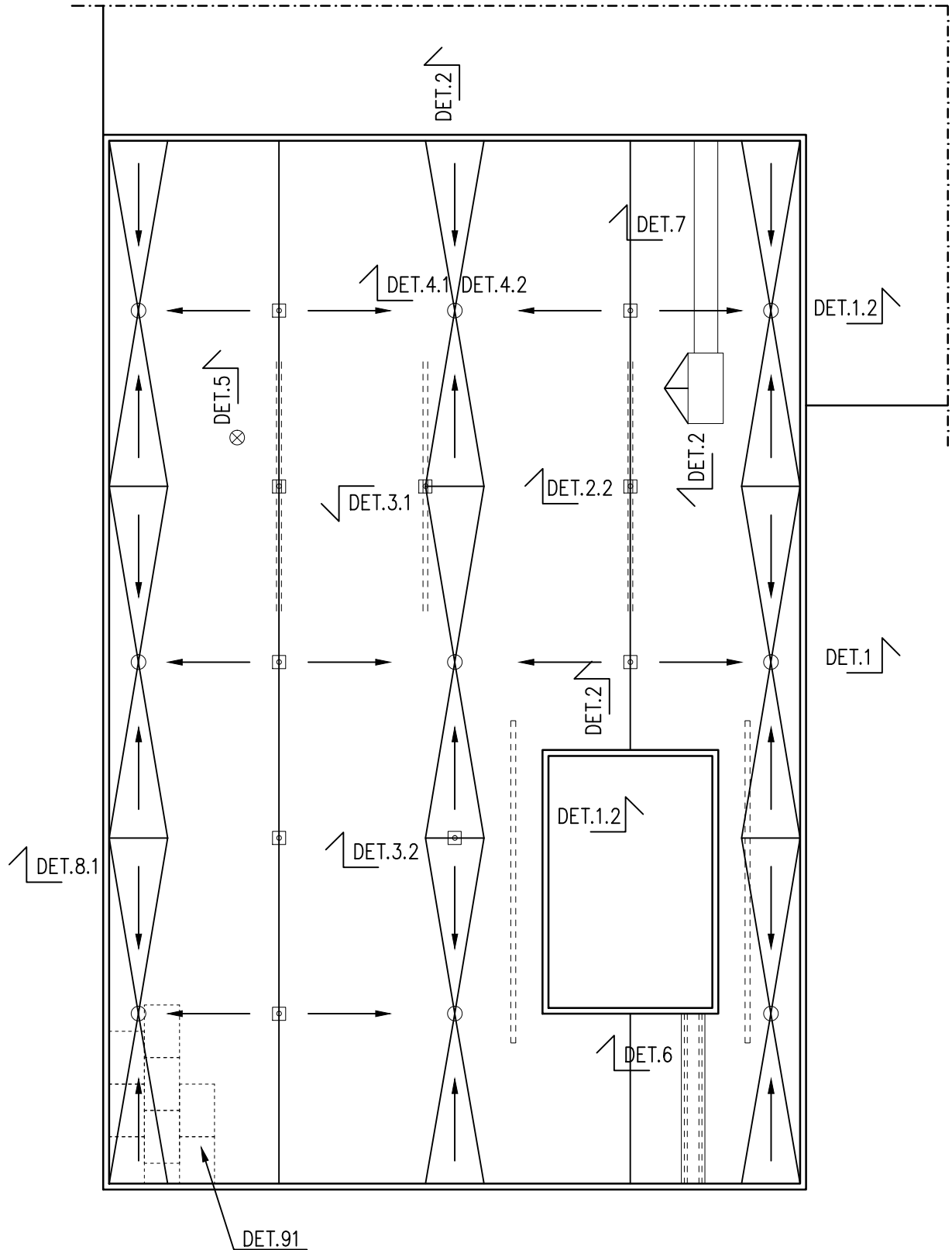
Subject: SCHEMATIC  
ROOF PLAN

1:10

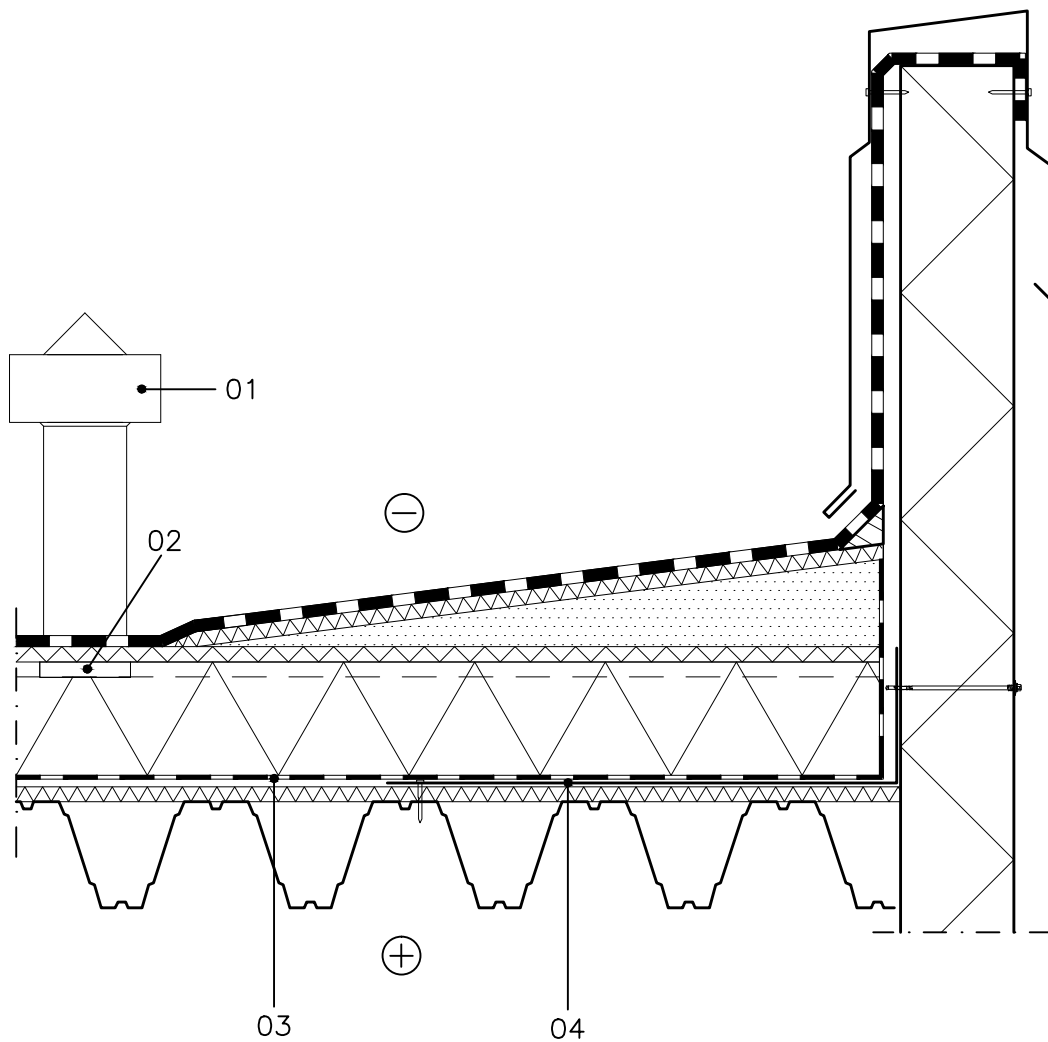
Notice: Principle Detail

Project specific changes are designer's responsibility

DET 0



DET1



- 01 LOW-PRESSURE VENTILATOR  $\varnothing$  min.110 mm
- 02 CONNECTING VENTILATION CHANNEL WIDTH ~90 mm
- 03 VAPOUR BARRIER
- 04 ANGLE PROFILE  
allows defelections of roof steel sheets and wall panels





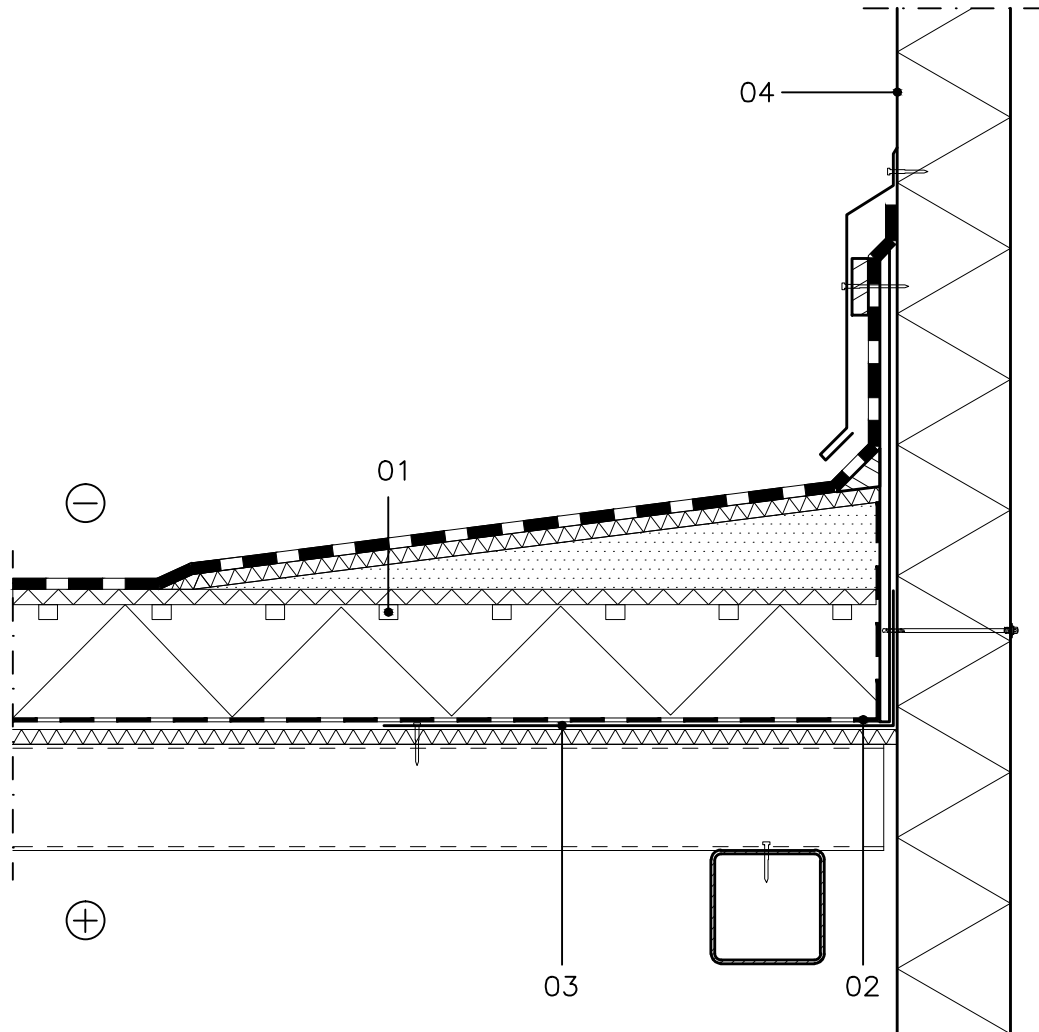
Company:  
Date:  
Signature:  
Measurement: 1:10

Detail No.: R-FR-50.1-2  
Type: ROOF CONNECTIONS AND DETAILS  
Subject: VENTILATED FLAT ROOF, CORRUGATED SHEET STEEL. CONNECTION TO PAROC PANELS

Notice: Principle Detail

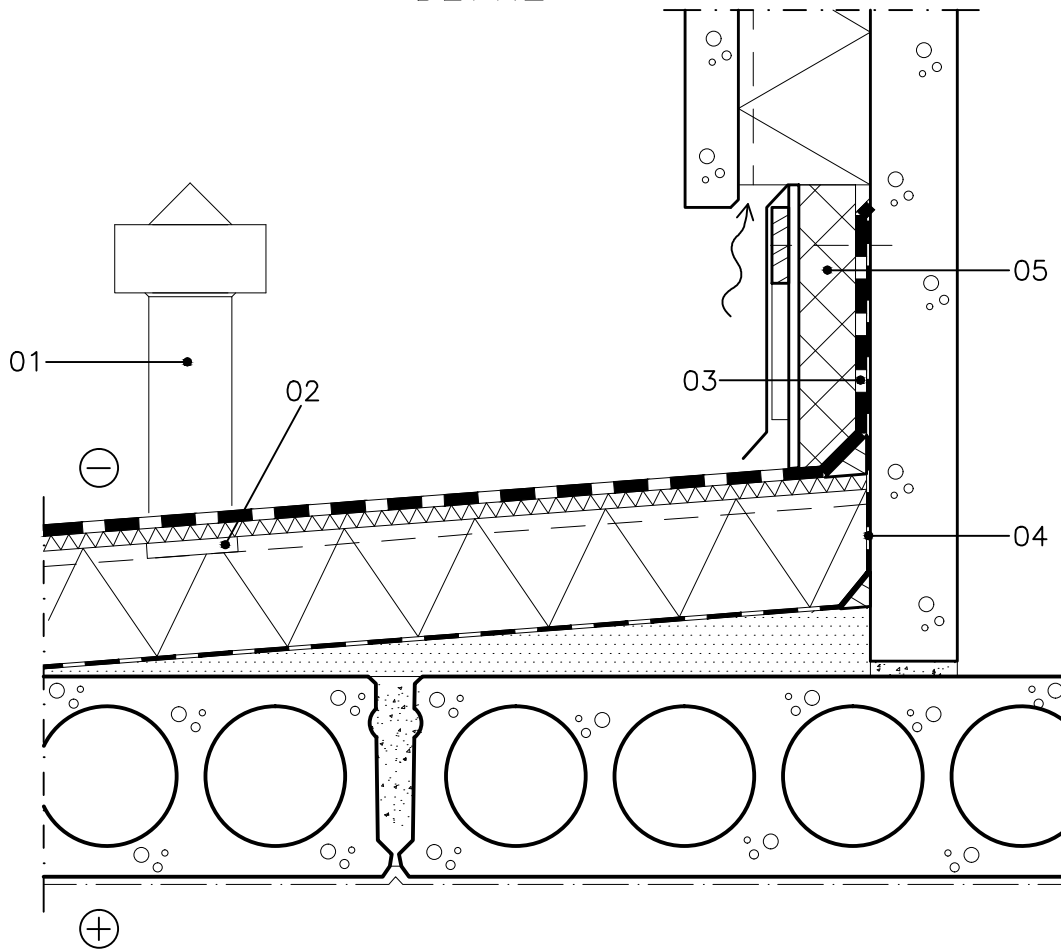
Project specific changes are designer's responsibility

DET2



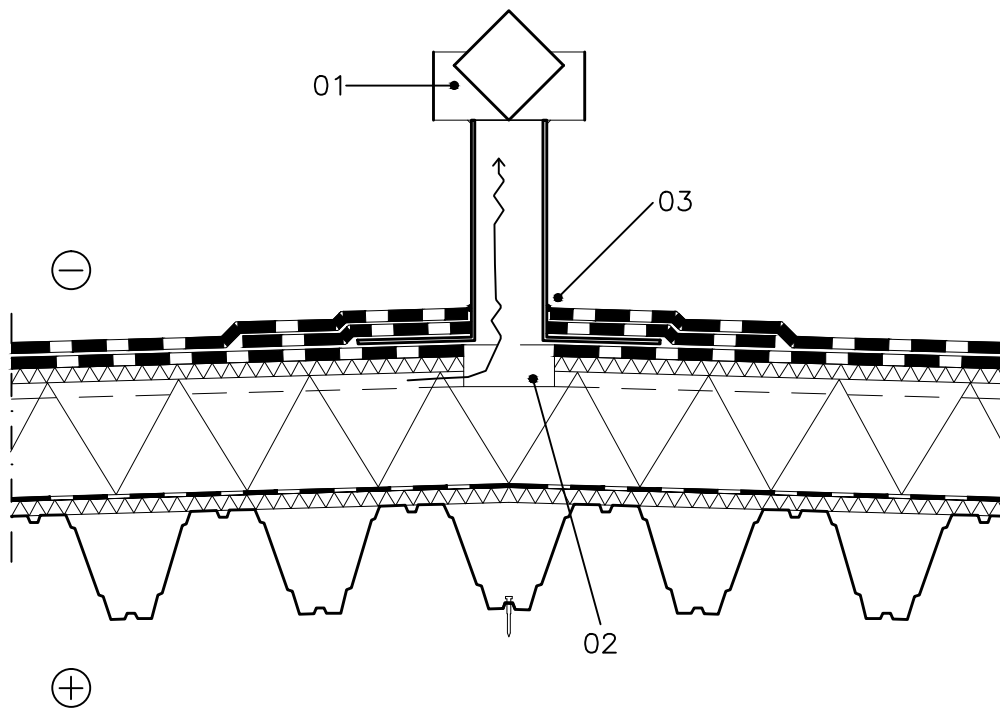
- 01 VENTILATION GROOVES
- 02 VAPOUR BARRIER, BTL2/BTL4/EuratexAL
- 03 ANGLE PROFILE
- 04 NOTE SEANING OF PANEL JOINTS WHEN INSTALLED VERTICALLY

DET1.2



- 01 LOW PRESSURE VENTILATOR  $\varnothing$  min.110 mm
- 02 CONNECTING CHANNEL WIDTH ~90 mm
- 03 WATERPROOFING
- 04 VAPOUR BARRIER
- 05 REVERSED STRUCTURE  
XPS-INSULATION+WATERPROOF SHIELDING

DET2.2



- 01 LOW PRESSURE VENTILATOR  $\varnothing$  min.110 mm  
02 CONNECTING CHANNEL WIDTH ~120 mm  
03 BITUMINOUS SEALING



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

R-FR-50.1-5

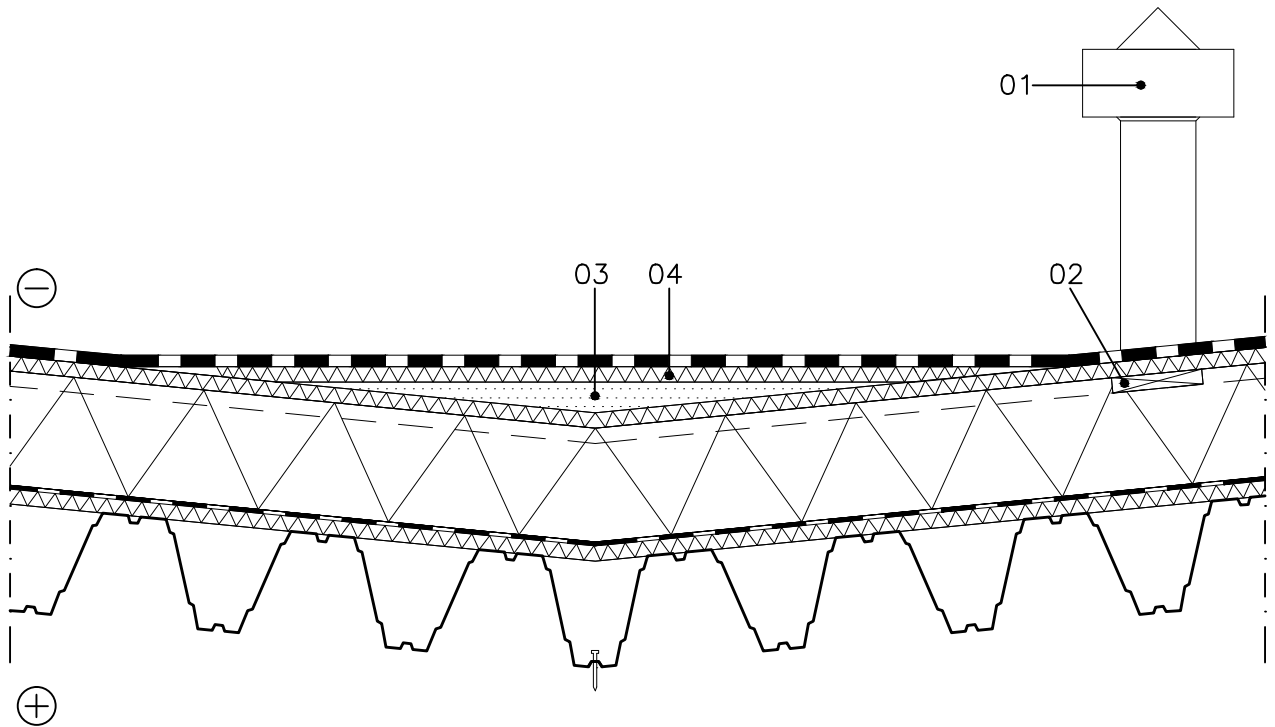
Type: ROOF CONNECTIONS AND DETAILS

Subject: VENTILATED FLAT ROOF, CORRUGATED  
SHEET STEEL. CONNECTING  
VENTILATION CHANNEL OF ROOF VALLEY

Notice: Principle Detail

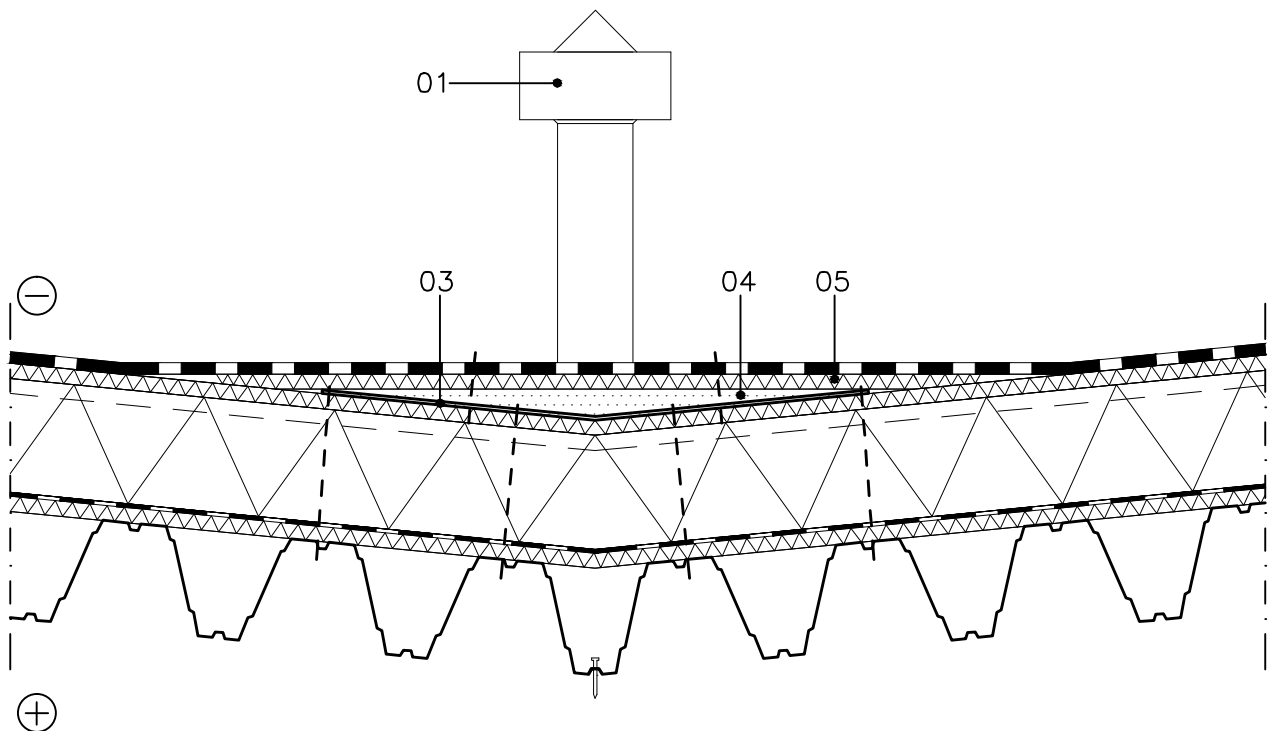
Project specific changes are designer's responsibility

DET3.1



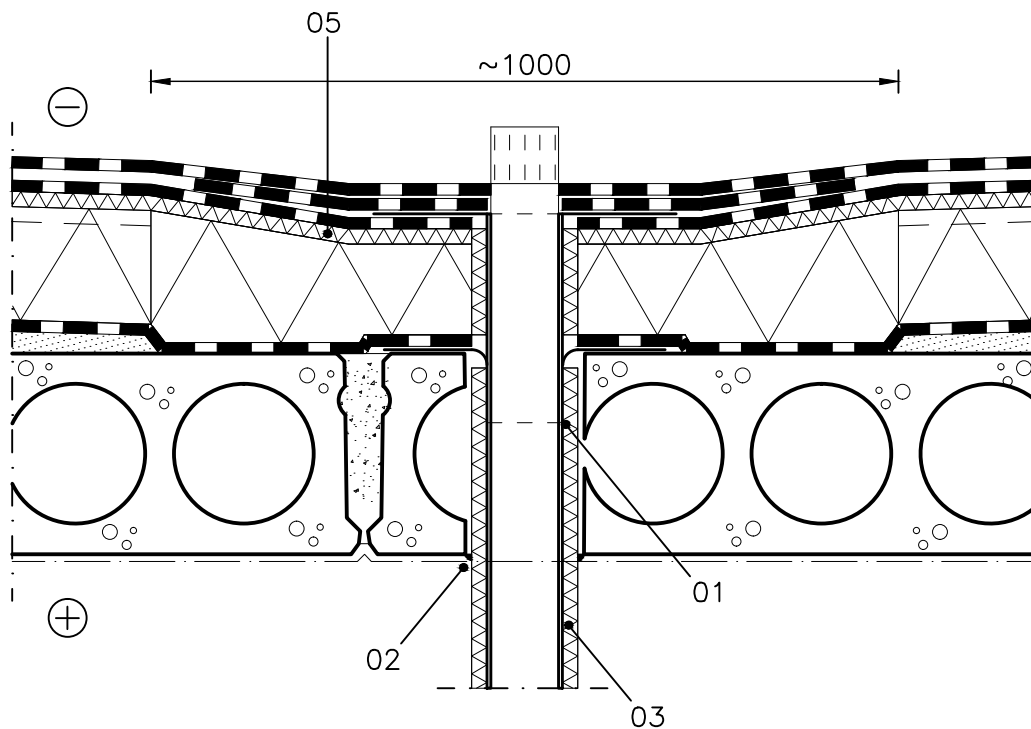
- 01 LOW PRESSURE VENTILATOR  $\varnothing$  min.110 mm  
02 CONNECTING CHANNEL WIDTH ~120 mm  
03 TILT ANGLE  
04 PAROC ROB 80t

DET3.2



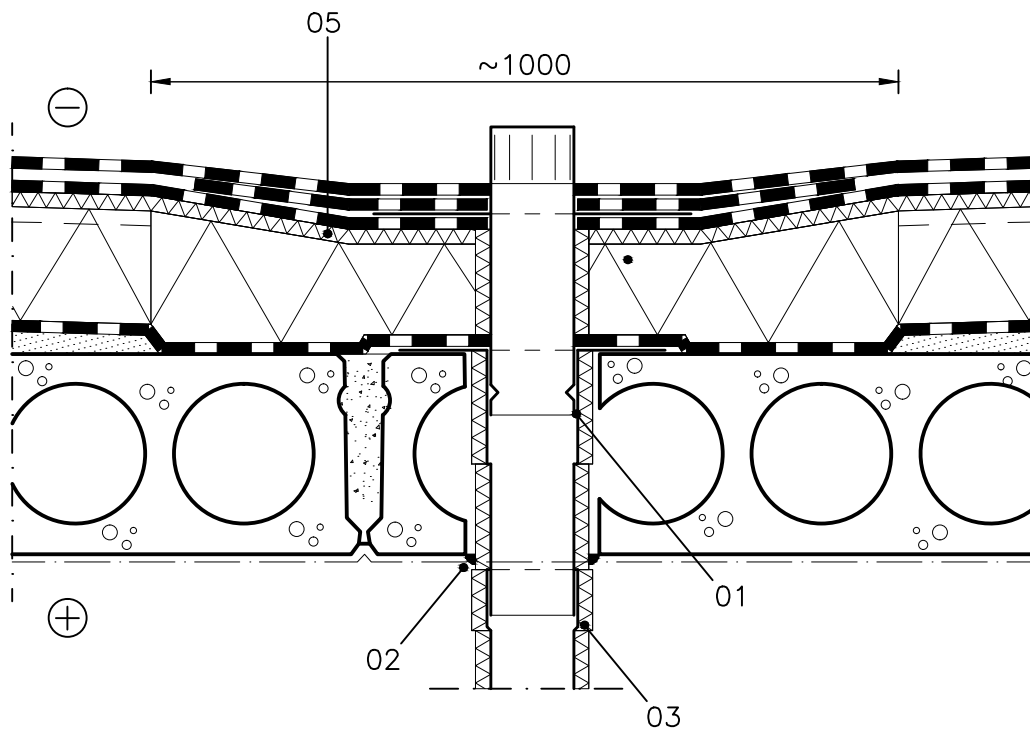
- 01 LOW PRESSURE VENTILATOR  $\varnothing$  min.110 mm
- 03 CORROSION RESISTANT PLASTIC-COATED METAL LIST
- 04 TILT ANGLE
- 05 PAROC ROB 80t

## DET4.1



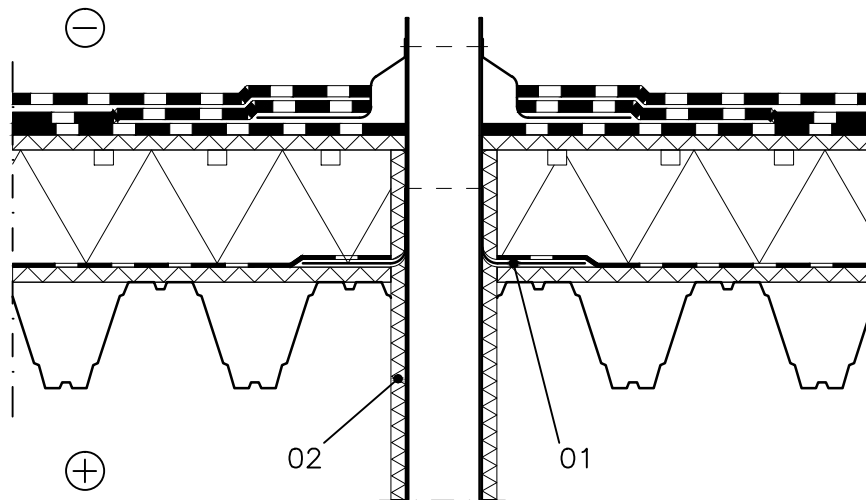
- 01 SEALING JOINT OF VAPOUR BARRIER
- 02 ELASTIC KIT
- 03 CONDENSATION INSULATION
- 05 ROOF BOARD

## DET4.2



- 01 SEALING JOINT OF VAPOUR BARRIER
- 02 ELASTIC KIT
- 03 CONDENSATION INSULATION
- 05 ROOF BOARD

## DET5



- 01 SEALING JOINT OF VAPOUR BARRIER
- 02 CONDENSATION INSULATION  
PARATEN PE-pipe insulation 20 mm





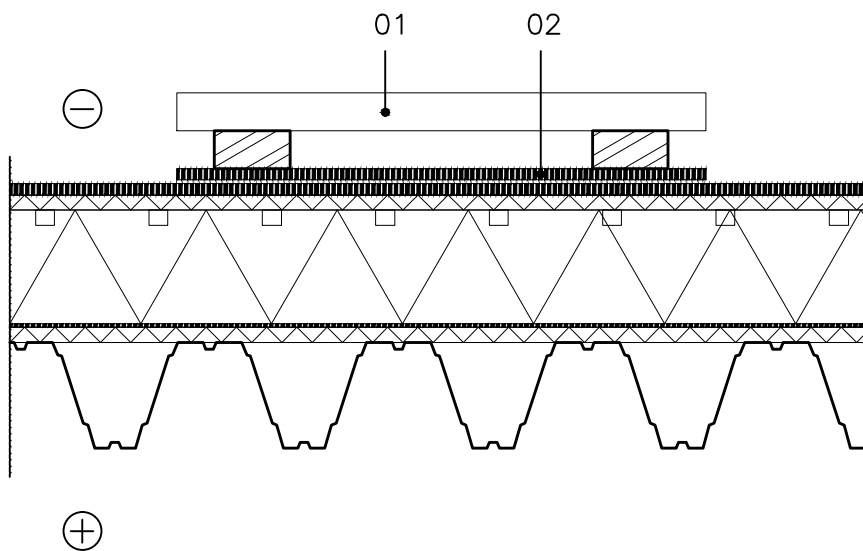
Company:	
Date:	
Signature:	
Measurement:	1:10

Detail No.:	R-FR-50.1-10
Type:	ROOF CONNECTIONS AND DETAILS
Subject:	VENTILATED FLAT ROOF/ CORRUGATED SHEET STEEL

Notice: Principle Detail

Project specific changes are designer's responsibility

DET6



- 01 SERVICE BRIDGE  
02 ADDITIONAL WATERPROOFING



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

R-FR-50.1-11

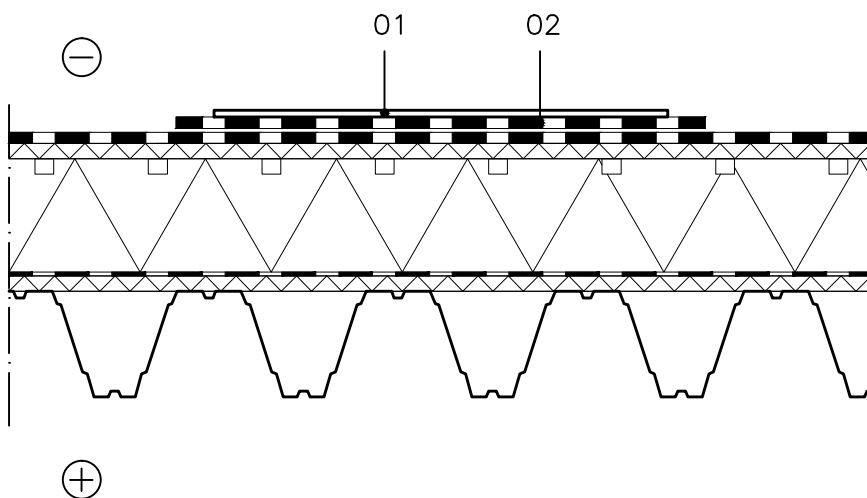
Type: ROOF CONNECTIONS AND DETAILS

Subject: VENTILATED FLAT ROOF/  
CORRUGATED STEEL

Notice: Principle Detail

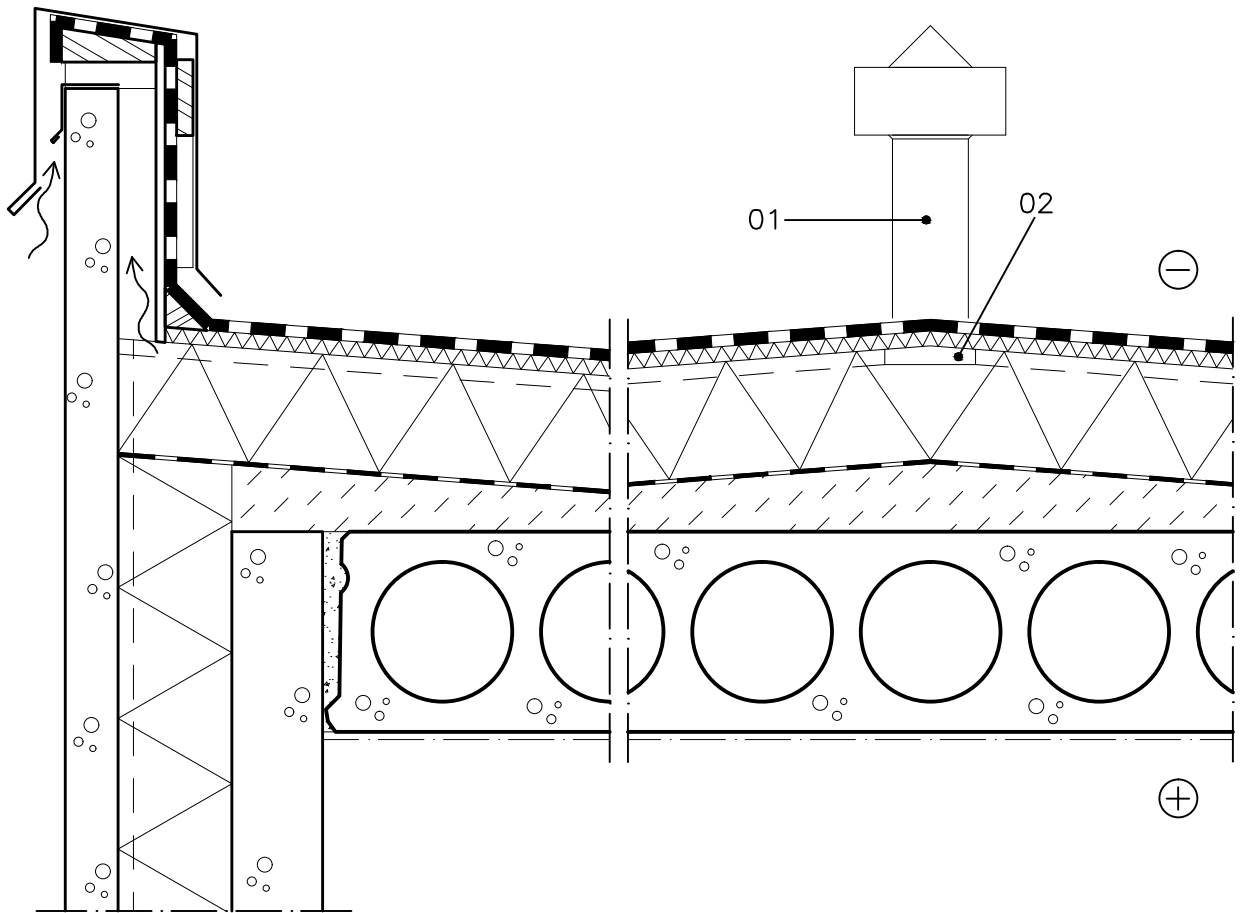
Project specific changes are designer's responsibility

DET7



01 WEATHERPROOF PLYWOOD  
02 ADDITIONAL WATERPROOFING

## DET8.1



01 LOW PRESSURE VENTILATOR  $\varnothing$  min.110 mm  
02 CONNECTING VENTILATION CHANNEL WIDTH ~120 mm

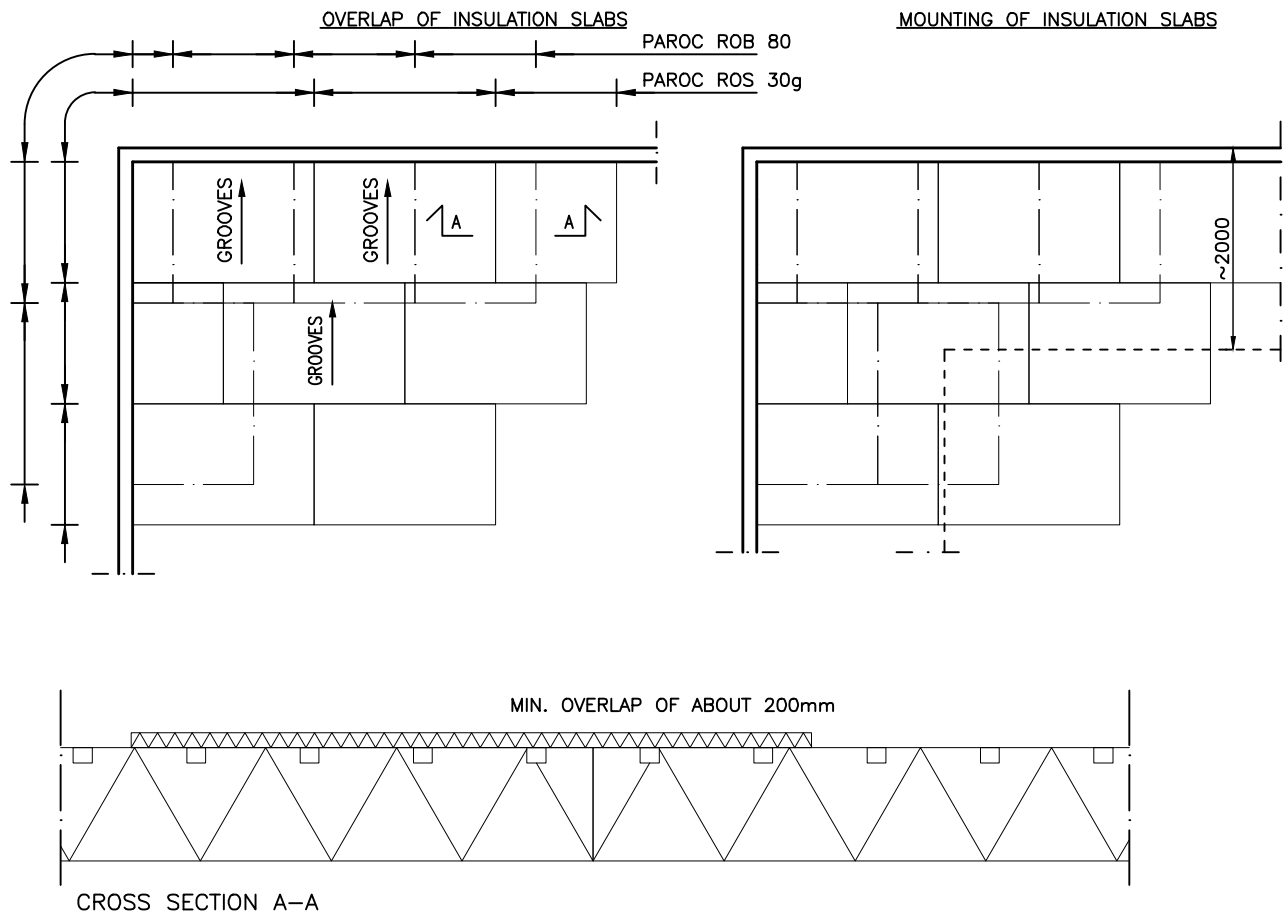


Company:	Detail No.: R-FR-50.1-13
Date:	Type: ROOF CONNECTIONS AND DETAILS
Signature:	Subject: VENTILATED FLAT ROOF, INSTALLATION OF INSULATION
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility

## DET9.1



OVERLAP OF INSULATION SLABS

PAROC ROB

MOUNTING OF INSULATION SLABS

PAROC ROS

MIN. OVERLAP OF ABOUT 200mm

FRINGE AREA ~2 METERS FROM THE EAVES: MIN 4 FASTENERS/m<sup>2</sup>  
IN THE MIDDLE MIN. 2 FASTENERS/SLAB



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

R-PR-10.1

Type:

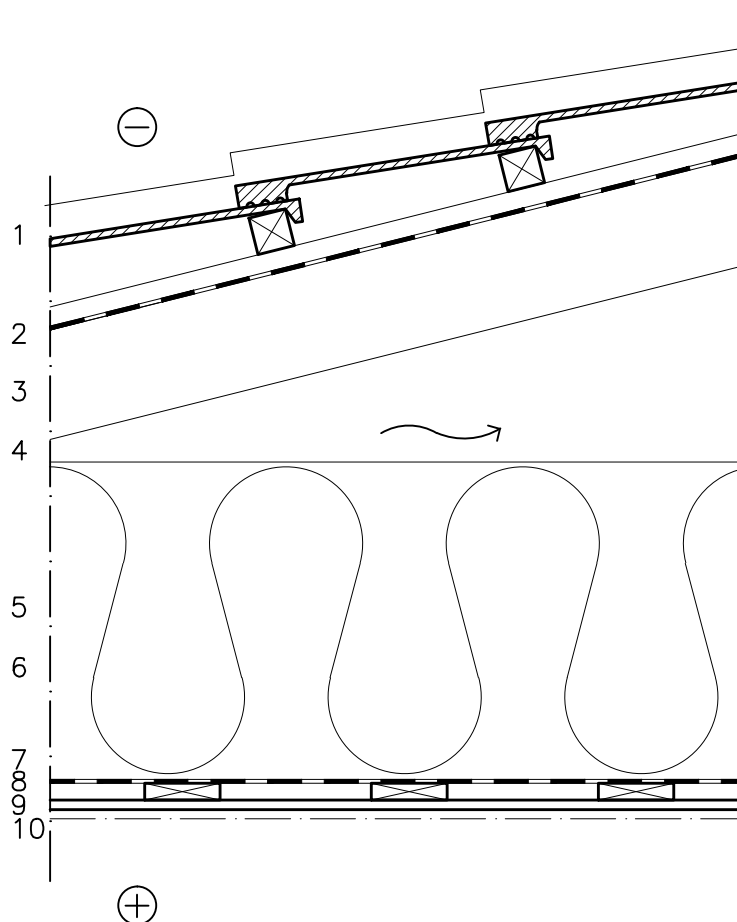
ROOFS: PITCHED ROOF

Subject:

ROOF TRUSSES  
(BLT 6)

Notice: Principle Detail

Project specific changes are designer's responsibility



420 mm

22 mm

13 mm

- 1 ROOFING
- 2 ROOF-COVERING SHEATING
- 3 SUPPORTING STRUCTURE
- 4 VENTILATED ATTIC
- 5 THERMAL INSULATION, blowing wool PAROC BLT 6
- 6 SUPPORTING STRUCTURE, according to construction plans  
timber frame
- 7 VAPOUR BARRIER
- 8 GRID SIDING, 22x100mm, k300
- 9 BUILDING BOARD, plaster board
- 10 SURFACE FINISHING

U-value 0,09 W/m<sup>2</sup>K



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

R-PR-10.2

Type:

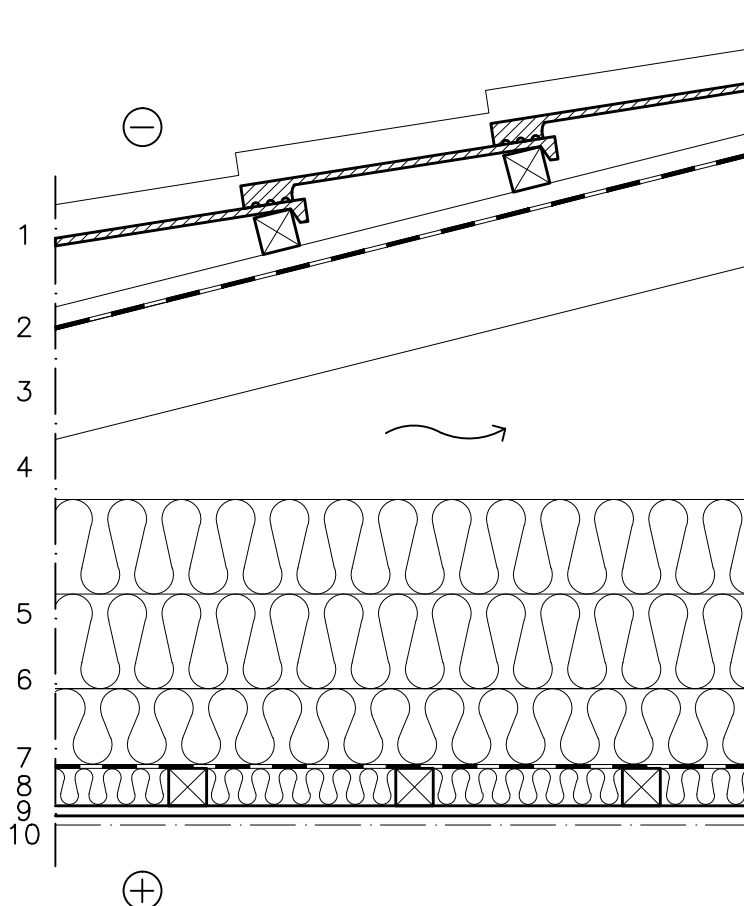
ROOFS: PITCHED ROOF

Subject:

ROOF TRUSSES

Notice: Principle Detail

Project specific changes are designer's responsibility



- 1 ROOFING
- 2 ROOF-COVERING SHEATHING
- 3 SUPPORTING STRUCTURE
- 4 VENTILATED ATTIC
- 5 THERMAL INSULATION, stone wool PAROC eXtra (100+125+125mm)
- 6 SUPPORTING STRUCTURE, according to construction plans  
timber frame
- 7 VAPOUR BARRIER
- 8 THERMAL INSULATION, stone wool PAROC eXtra and studding  
50x50mm, k300
- 9 BUILDING BOARD, plaster board
- 10 SURFACE FINISHING

U-value 0,09 W/m<sup>2</sup>K

350 mm

50 mm

13 mm



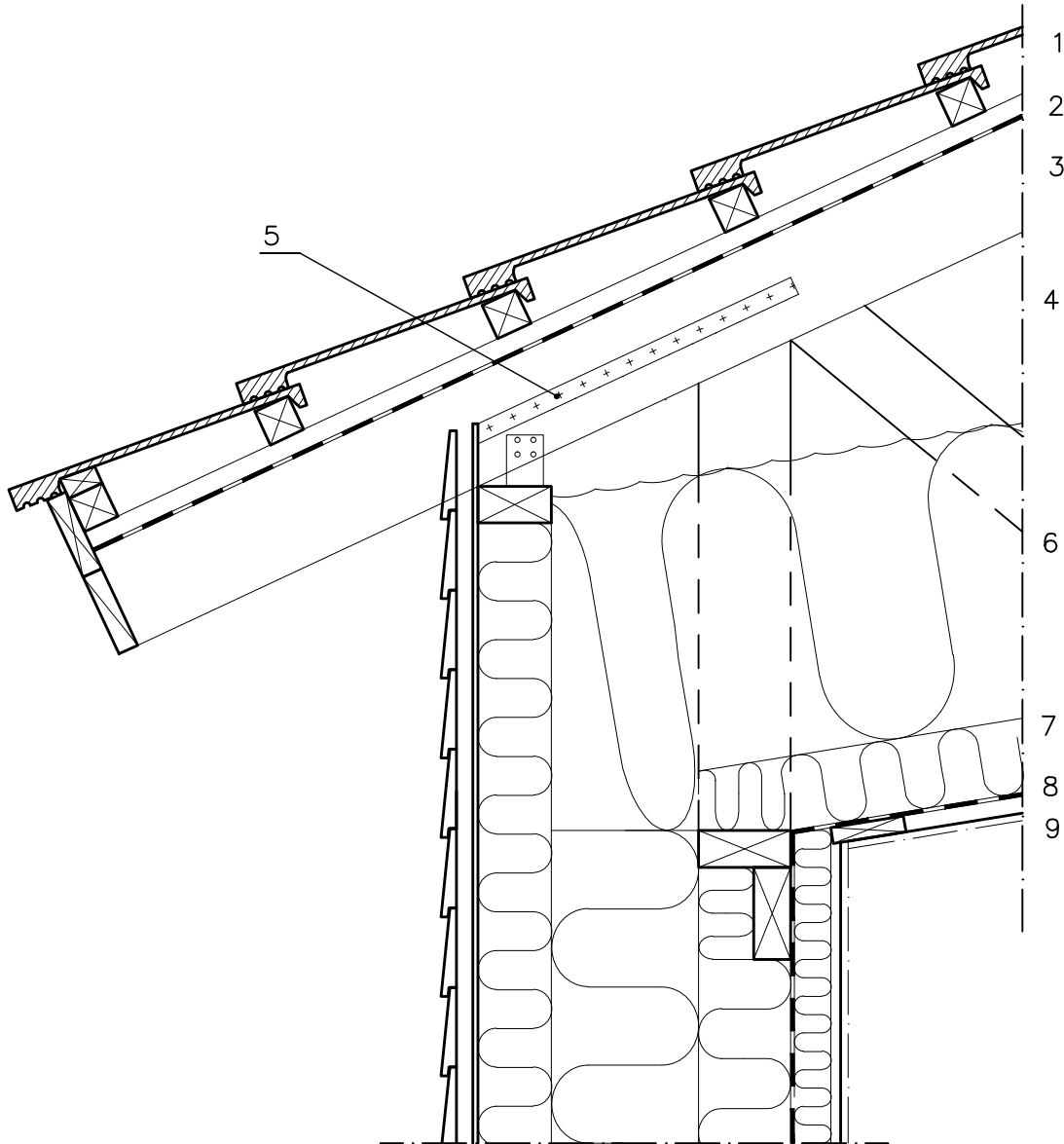


Company:  
Date:  
Signature:  
Measurement: 1:10

Detail No.: R-PR-10.4  
Type: ROOFS: PITCHED ROOF  
Subject: ROOF TRUSSES  
CONNECTION TO WALL

Notice: Principle Detail

Project specific changes are designer's responsibility



- 1 ROOFING
- 2 ROOF-COVERING SHEATING
- 3 SUPPORTING STRUCTURE
- 4 VENTILATED ATTIC
- 5 WIND DIVERTING SHIELD
- 6 THERMAL INSULATION  
PAROC BLT6
- 7 THERMAL INSULATION  
PAROC eXtra
- 8 VAPOUR BARRIER
- 9 SURFACE FINISHING

400mm

100mm

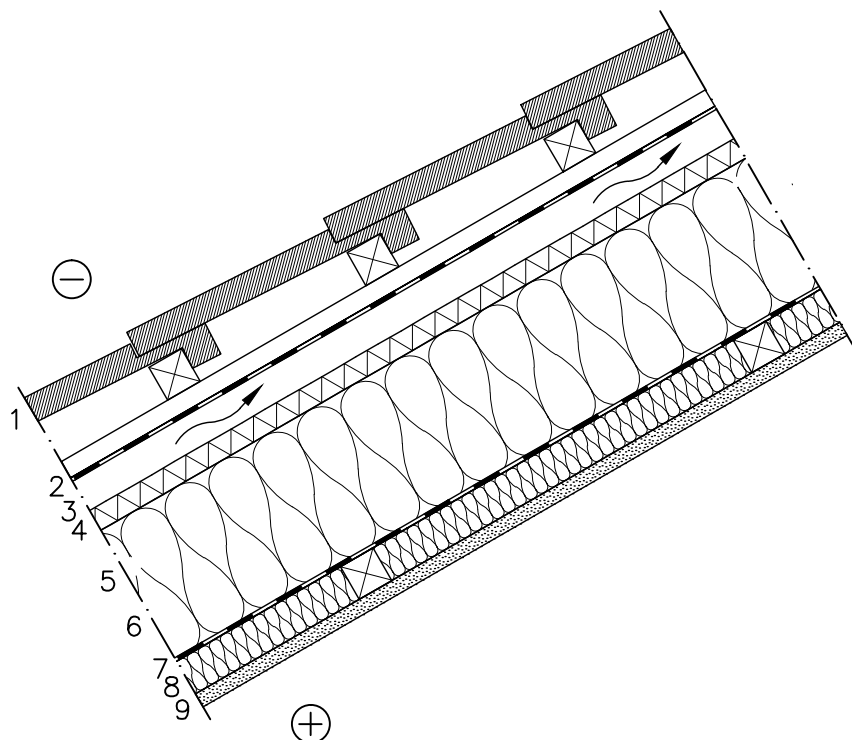




Company:	Detail No.: R-PR-20.1
Date:	Type: ROOFS: PITCHED ROOF
Signature:	Subject: JOISTED ROOF
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



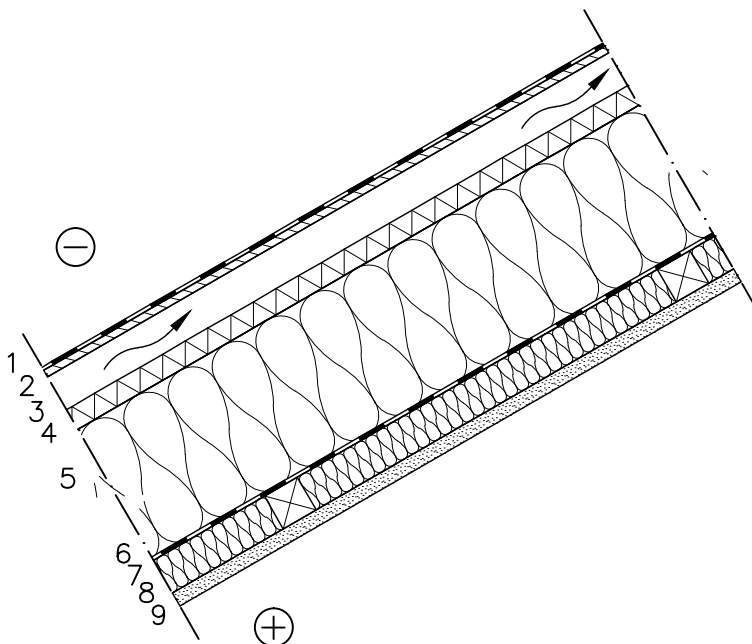
- |        |   |
|--------|---|
|        | 1 ROOFING   |
|        | 2 ROOF-COVERING SHEATING                            |
| 50 mm  | 3 VENTILATION GAP /SUPPORTING STRUCTURE             |
| 30 mm  | 4 THERMAL INSULATION, PAROC WAS 25t, PAROC WAS 35t  |
|        | 5 SUPPORTING STRUCTURE                              |
| 200 mm | 6 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 7 VAPOUR BARRIER                                    |
| 50 mm  | 8 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 9 BUILDING BOARD                                    |



Company:	Detail No.: R-PR-20.2
Date:	Type: ROOFS: PITCHED ROOF
Signature:	Subject: JOISTED ROOF
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |   |
|--------|---|
|        | 1 ROOFING   |
|        | 2 UNDERLAYMENT                                      |
| 50 mm  | 3 VENTILATION GAP                                   |
| 30 mm  | 4 THERMAL INSULATION, PAROC WAS 25t, PAROC WAS 35t  |
|        | 5 SUPPORTING STRUCTURE                              |
| 200 mm | 6 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 7 VAPOUR BARRIER                                    |
| 50 mm  | 8 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 9 BUILDING BOARD                                    |



Company:

Detail No.:

R-PR-20.3

Date:

Type:

ROOFS: PITCHED ROOF

Signature:

Subject:

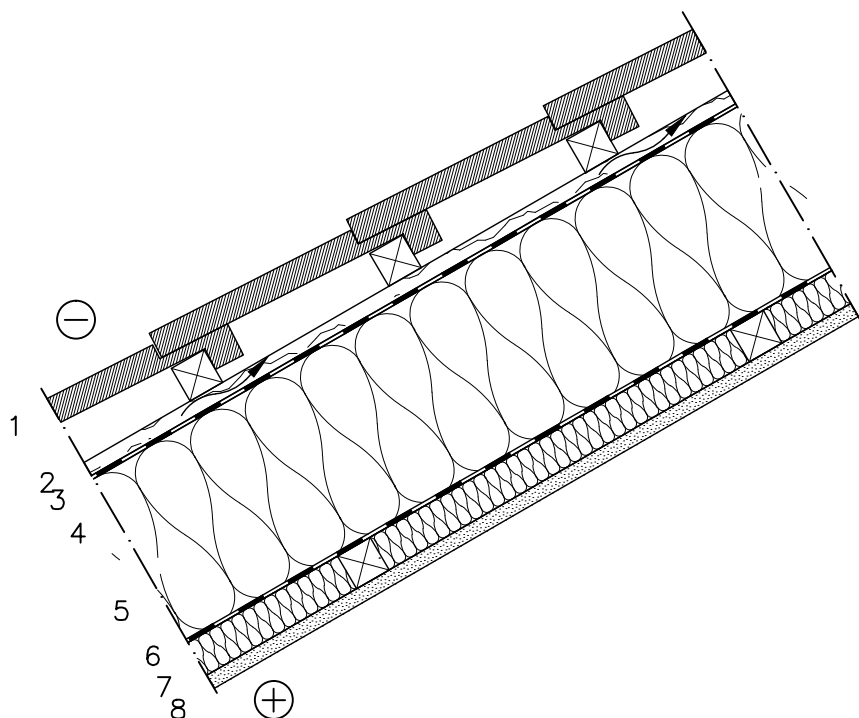
JOISTED ROOF

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |   |
|--------|---|
|        | 1 ROOFING   |
|        | 2 ROOF-COVERING SHEETING                            |
| 25 mm  | 3 VENTILATION GAP                                   |
|        | 4 SUPPORTING STRUCTURE                              |
| 250 mm | 5 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 6 VAPOUR BARRIER                                    |
| 50 mm  | 7 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 8 BUILDING BOARD                                    |

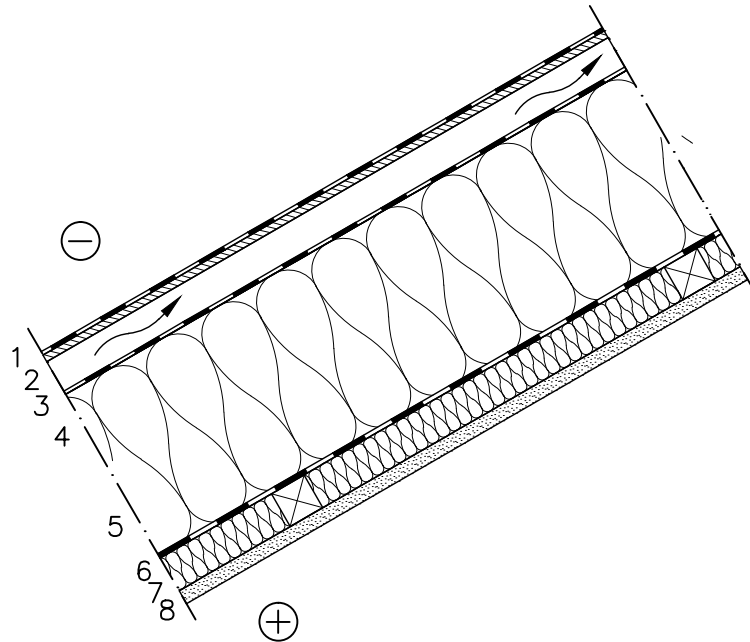


Company:	
Date:	
Signature:	
Measurement:	1:10

Detail No.:	R-PR-20.4
Type:	ROOFS: PITCHED ROOF
Subject:	JOISTED ROOF

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |   |
|--------|---|
|        | 1 ROOFING   |
|        | 2 UNDERLAYMENT                                      |
| 50 mm  | 3 VENTILATION GAP                                   |
|        | 4 SUPPORTING STRUCTURE                              |
| 250 mm | 5 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 6 VAPOUR BARRIER                                    |
| 50 mm  | 7 THERMAL INSULATION, PAROC eXtra, PAROC eXtra plus |
|        | 8 BUILDING BOARD                                    |



Company:

Detail No.:

W-RF-10.1

Date:

Type: WALLS, RENDERED FACADE

Signature:

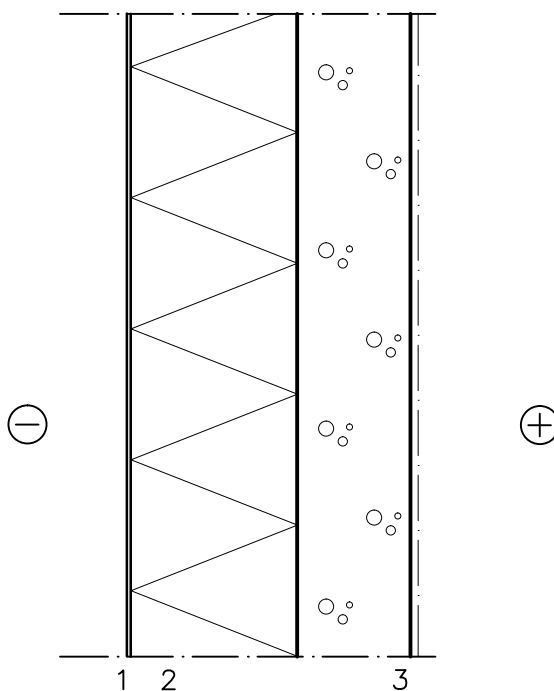
Subject: THIN RENDERING

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



220 mm  
150 mm

1 THIN RENDERING  
2 THERMAL INSULATION PAROC FAL 1  
3 CONCRETE  
u-value 0,17 W/m<sup>2</sup>K



Company:

Detail No.:

W-RF-10.2

Date:

Type: WALLS, RENDERED FACADE

Signature:

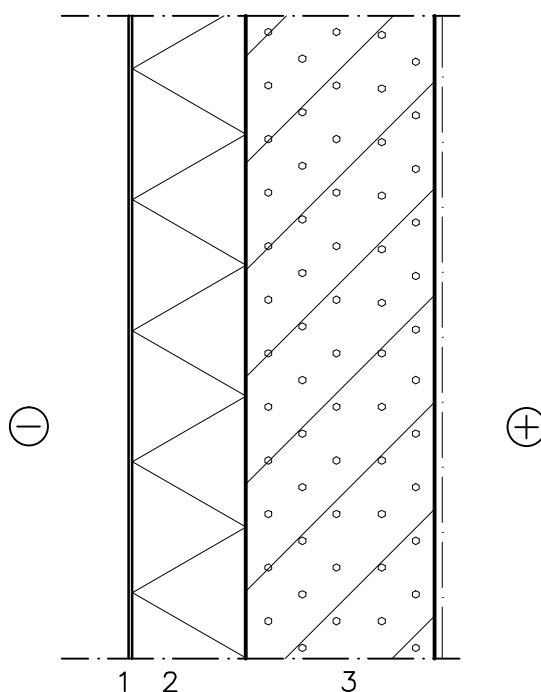
Subject: THIN RENDERING

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



150 mm  
250 mm

1 THIN RENDERING  
2 THERMAL INSULATION, PAROC FAS 3  
3 AERATED CONCRETE  
u-arvo 0,16 W/m<sup>2</sup>K



Company:

Detail No.: W-RF-20.1

Date:

Type: WALLS, RENDERED FACADE

Signature:

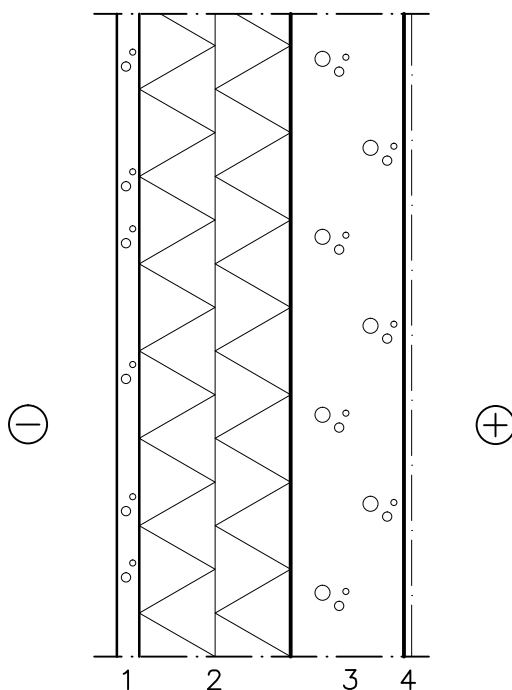
Subject: CONCRETE  
THICK RENDERING

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



200 mm

150 mm

1 THICK RENDERING, according to construction plans

2 THERMAL INSULATION PAROC FAS 1 (100+100mm)  
according to instruction

3 SUPPORTING STRUCTURE, according to construction plans

4 SURFACE FINISHING

U-value

0,17 W/m<sup>2</sup>K



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

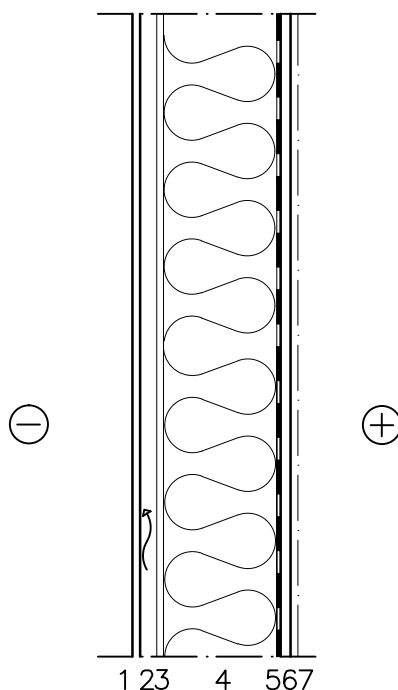
W-VF-10.0

Type: WALLS, VENTILATED FACADE

Subject: TIMBER FRAME

Notice: Principle Detail

Project specific changes are designer's responsibility



22 mm

9 mm

150 mm

13 mm

1 CLADDING, according to construction plans

2 VENTILATION GAP, STUDDING 22x100mm,

3 WIND PROTECTIVE BOARD, plaster board

4 THERMAL INSULATION, PAROC eXtra AND SUPPORTING STRUCTURE  
150x50mm, cc600

5 AIR/VAPOUR BARRIER

6 BUILDING BOARD, plaster board

7 SURFACE FINISHING

U-value

0,26 W/m<sup>2</sup>K





Company:

Detail No.:

W-VF-10.1

Date:

Type: WALLS, VENTILATED FACADE

Signature:

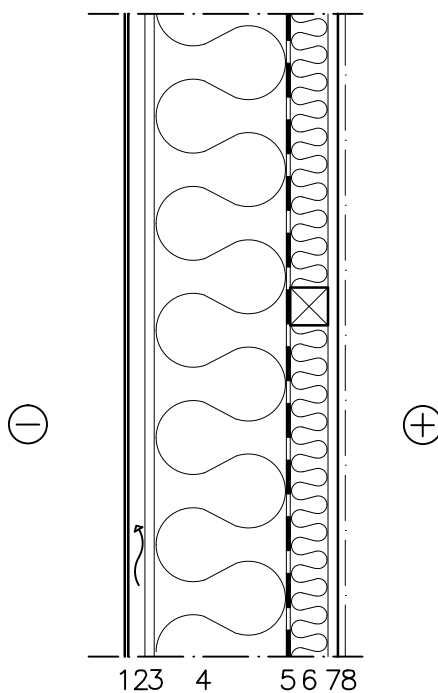
Subject: TIMBER FRAME

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



22 mm  
12 mm  
175 mm

50 mm  
13 mm

1 CLADDING

2 VENTILATION GAP, STUDDING 22x100mm, cc600

3 WIND PROTECTIVE BOARD, fibre board

4 THERMAL INSULATION, PAROC eXtra and TIMBER FRAME 175x50mm, cc600

5 AIR/VAPOUR BARRIER

6 THERMAL INSULATION, PAROC eXtra and studding 50x50mm, cc600

7 BUILDING BOARD, plaster board

8 SURFACE FINISHING, according to construction plans

U-value

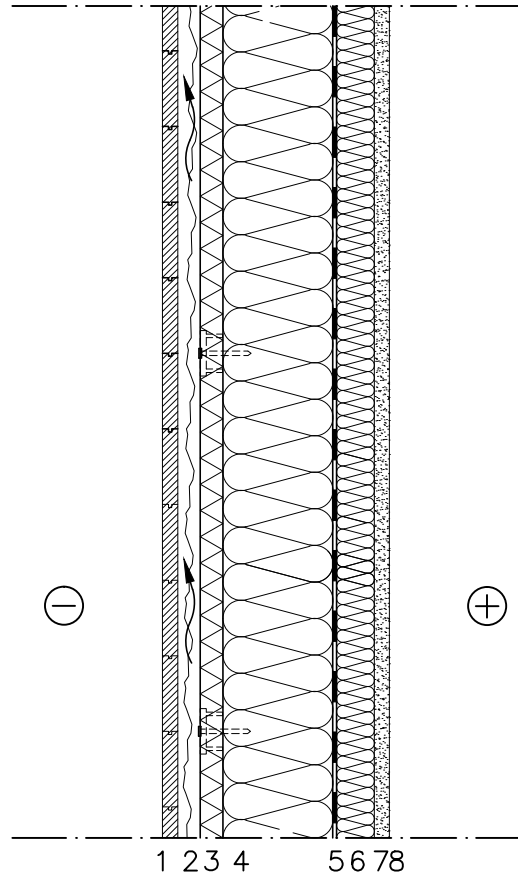
0,17 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-10.2
Date:	Type: WALLS, VENTILATED FACADE
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 22 mm  | 1 CLADDING   |
| 12 mm  | 2 VENTILATION GAP, STUDDING 22x100mm, cc600                        |
| 175 mm | 3 WIND PROTECTIVE BOARD, PAROC WAS 25t OR (WAS 35t)                |
|        | 4 THERMAL INSULATION, PAROC eXtra and TIMBER FRAME 175x50mm, cc600 |
|        | 5 AIR/VAPOUR BARRIER   |
| 50 mm  | 6 THERMAL INSULATION, PAROC eXtra and studding 50x50mm, cc600      |
| 13 mm  | 7 BUILDING BOARD, plaster board                                    |
|        | 8 SURFACE FINISHING, according to construction plans               |



Company:

Detail No.:

W-VF-10.3

Date:

Type: WALLS, VENTILATED FACADE

Signature:

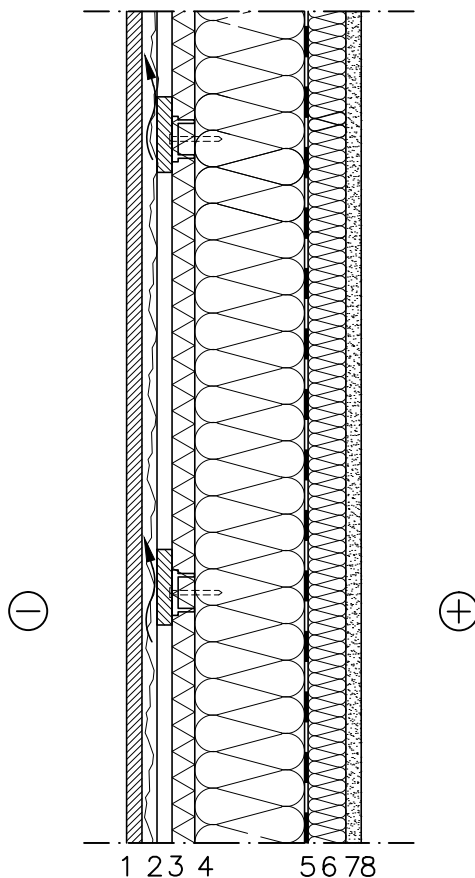
Subject: TIMBER FRAME

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



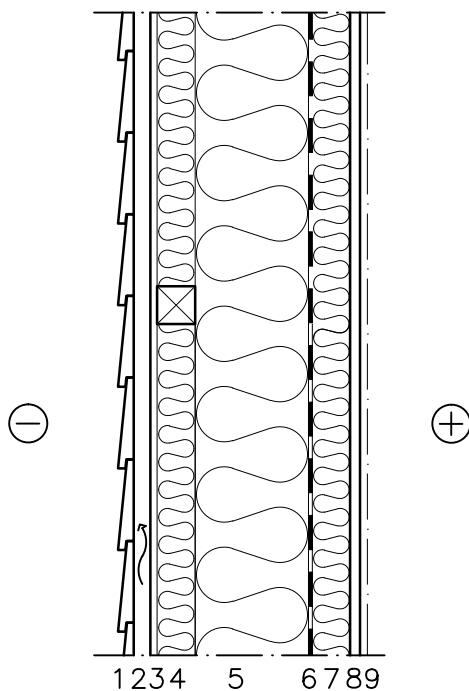
- |        |  |
|--------|--|
| 22 mm  | 1 CLADDING   |
| 30 mm  | 2 VENTILATION GAP, STUDDING 22x100mm, cc600                        |
| 175 mm | 3 WIND PROTECTIVE BOARD, PAROC WAS 25t OR (WAS 35t)                |
|        | 4 THERMAL INSULATION, PAROC eXtra and TIMBER FRAME 175x50mm, cc600 |
|        | 5 AIR/VAPOUR BARRIER   |
| 50 mm  | 6 THERMAL INSULATION, PAROC eXtra and studding 50x50mm, cc600      |
| 13 mm  | 7 BUILDING BOARD, plaster board                                    |
|        | 8 SURFACE FINISHING, according to construction plans               |



Company:	Detail No.: W-VF-10.4
Date:	Type: WALLS, VENTILATED FACADE
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 22 mm  | 1 CLADDING   |
| 9 mm   | 2 VENTILATION GAP, STUDDING 22x100mm, cc600                        |
| 50 mm  | 3 WIND PROTECTIVE BOARD, plaster board                             |
| 150 mm | 4 THERMAL INSULATION, PAROC eXtra and studding 50x50mm, cc600      |
|        | 5 THERMAL INSULATION, Parac eXtra and TIMBER FRAME 150x50mm, cc600 |
|        | 6 AIR/VAPOUR BARRIER   |
| 50 mm  | 7 THERMAL INSULATION, PAROC eXtra and studding 50x50mm, cc600      |
| 13 mm  | 8 BUILDING BOARD, plaster board                                    |
|        | 9 SURFACE FINISHING, according to construction plans               |

U-value 0,16 W/m<sup>2</sup>K



Company:

Detail No.:

W-VF-10.5

Date:

Type: WALLS, VENTILATED FACADE

Signature:

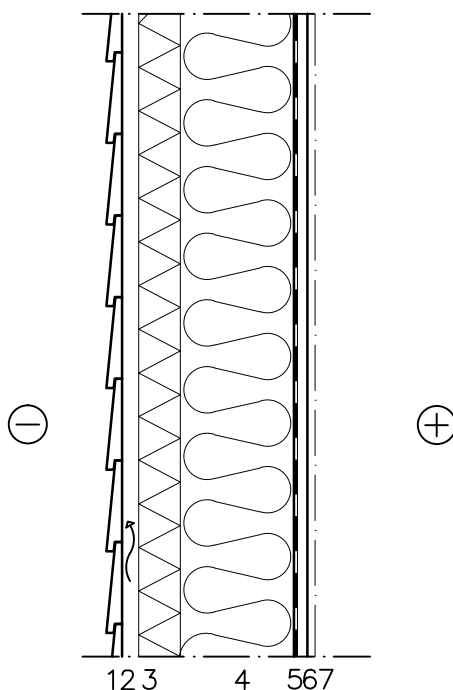
Subject: TIMBER FRAME

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 22 mm  | 1 CLADDING   |
| 55 mm  | 2 VENTILATION GAP, studding 22x100mm, cc600  |
| 150 mm | 3 WIND PROTECTIVE BOARD, stone wool PAROC WPS 3n, taped seams                              |
|        | 4 THERMAL INSULATION, stone wool PAROC eXtra plus and SUPPORTING STRUCTURE 150x50mm, cc600 |
|        | 5 AIR/VAPOUR BARRIER   |
| 13 mm  | 6 BUILDING BOARD, plaster board  |
|        | 7 SURFACE FINISHING, according to construction plans                                       |

U-value

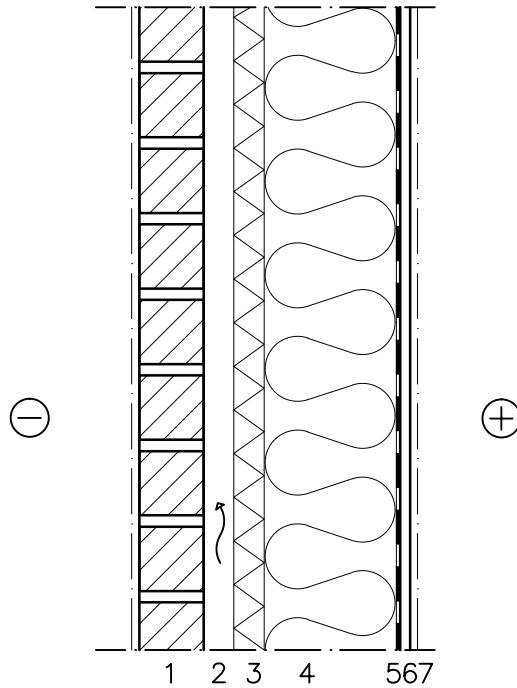
0,17 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-10.6
Date:	Type: WALLS, VENTILATED FACADE
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



85 mm  
40 mm  
40 mm  
175 mm  
13 mm

- 1 CLADDING
- 2 VENTILATION GAP
- 3 WIND-PROTECTIVE INSULATION, PAROC WPS 3n, taped seams
- 4 THERMAL INSULATION, PAROC eXtra and TIMBER FRAME 175x50mm, cc600
- 5 AIR/VAPOUR BARRIER
- 6 BUILDING BOARD, plaster board
- 7 SURFACE FINISHING

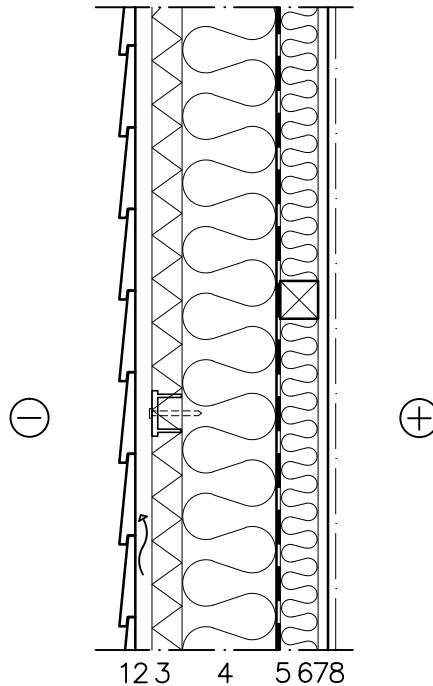
U-value 0,17 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-10.7
Date:	Type: WALLS, VENTILATED FACADE
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- 22 mm  
40 mm  
125 mm  
50mm  
13 mm
- 1 CLADDING
  - 2 VENTILATION GAP, STUDDING 22x100mm, cc600
  - 3 WIND-PROTECTIVE INSULATION, PAROC WPS 3n, (WAS 25t, WAS 35t) taped seams
  - 4 THERMAL INSULATION, PAROC eXtra and TIMBER FRAME 125x50mm, cc600
  - 5 AIR/VAPOUR BARRIER
  - 6 THERMAL INSULATION, PAROC eXtra AND studding 50x50mm, cc600
  - 7 BUILDING BOARD, plaster board
  - 8 SURFACE FINISHING, according to construction plans

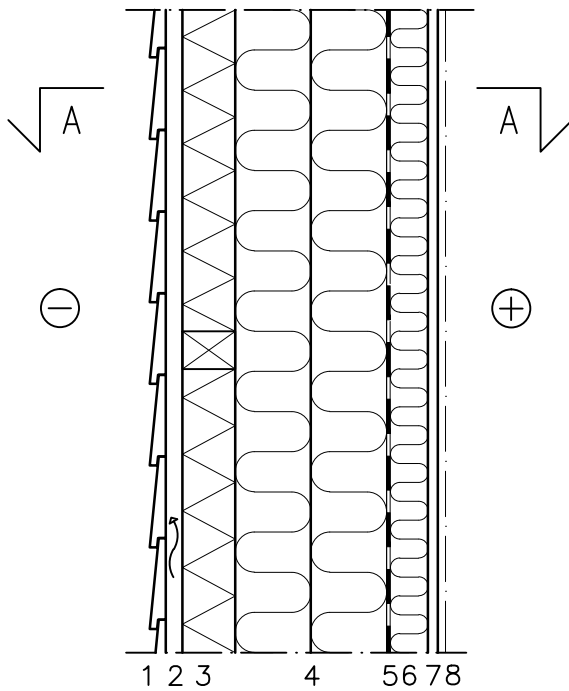
U-value 0,17 W/m<sup>2</sup>K



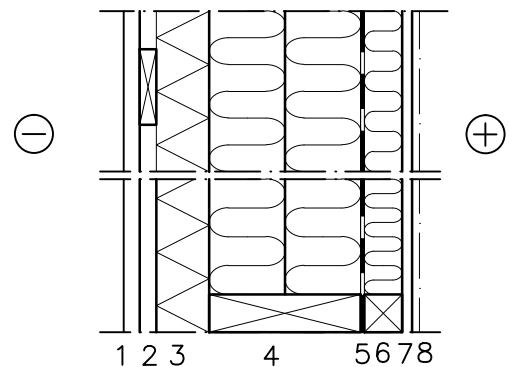
Company:	Detail No.: W-VF-10.9
Date:	Type: WALLS VENTILATED FACADE
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



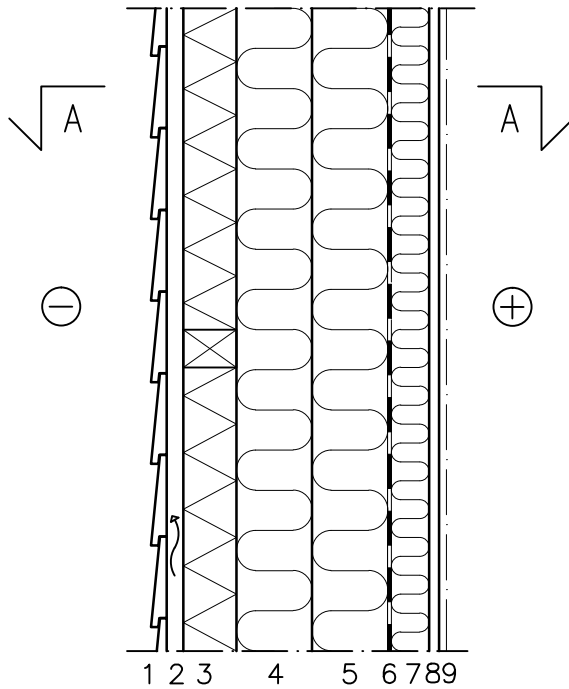
CROSS SECTION A-A



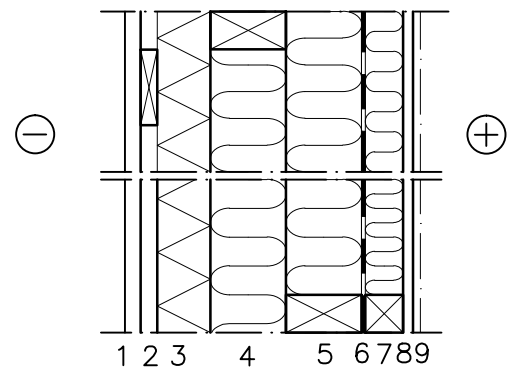
- |        |   |
|--------|---|
| 22 mm  | 1 CLADDING  |
| 70 mm  | 2 VENTILATION GAP + STUDDING 22x100mm, cc600  |
|        | 3 WIND-PROTECTIVE INSULATION, STONE WOOL PAROC Renova 70mm (1200x1800) AND STUDDING 68mm, cc1200mm                  |
| 200 mm | 4 THERMAL INSULATION, STONE WOOL PAROC eXtra 2x100mm AND SUPPORTING STRUCTURE, LAMINATED VENEER LUMBER 200mm, cc600 |
|        | 5 VAPOUR BARRIER  |
| 50 mm  | 6 THERMAL INSULATION, STONE WOOL PAROC eXtra AND STUDDING 50x50mm, cc600  |
| 13 mm  | 7 BUILDING BOARD, PLASTER BOARD   |
|        | 8 SURFACE FINISHING   |

U-VALUE 0,12 W/m<sup>2</sup>K





CROSS SECTION A-A



- |        |   |
|--------|---|
| 22 mm  | 1 CLADDING  |
| 70 mm  | 2 VENTILATION GAP + STUDDING 22x100mm, cc600  |
|        | 3 WIND-PROTECTIVE INSULATION, STONE WOOL PAROC Renova (1200x1800) AND STUDDING 68mm, cc1200mm |
| 100 mm | 4 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING STRUCTURE 100x50mm, cc600         |
| 100 mm | 5 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING WOOD STRUCTURE 100x50mm, cc600    |
|        | 6 VAPOUR BARRIER  |
| 50 mm  | 7 THERMAL INSULATION, STONE WOOL PAROC eXtra AND STUDDING 50x50mm, cc600                      |
| 13 mm  | 8 BUILDING BOARD, PLASTER BOARD   |
|        | 9 SURFACE FINISHING   |

U-VALUE

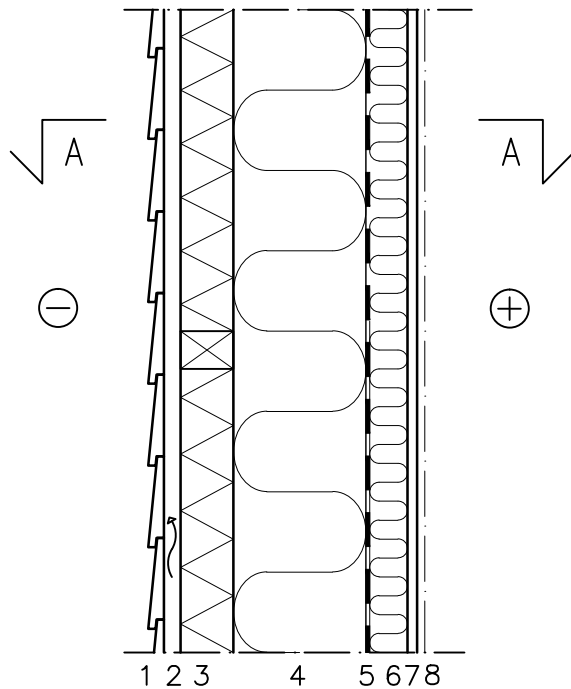
0,12 W/m<sup>2</sup>K



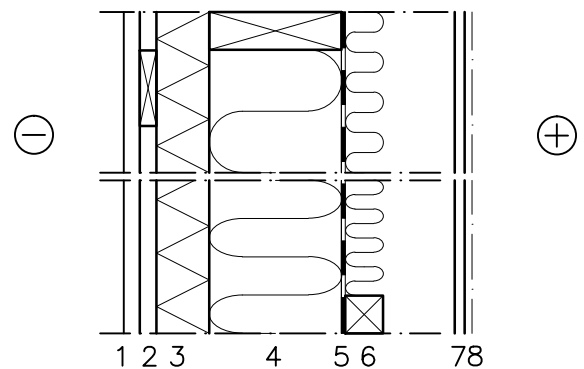
Company:	Detail No.: W-VF-10.11
Date:	Type: WALLS VENTILATED FACADE
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



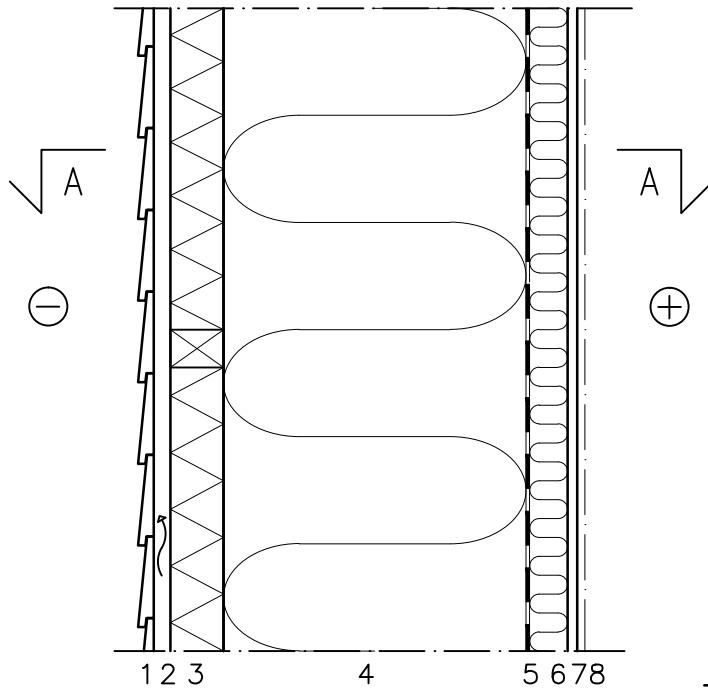
### CROSS SECTION A-A



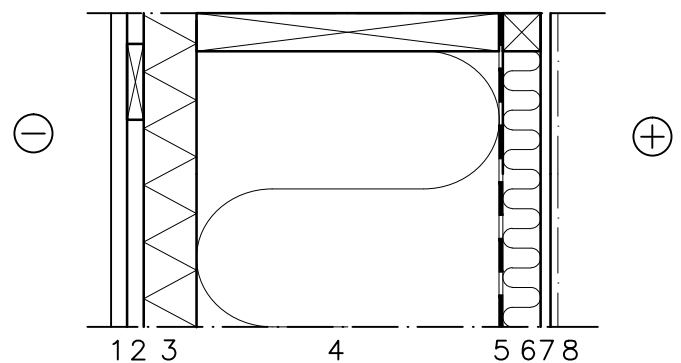
- |        |   |
|--------|---|
| 22 mm  | 1 CLADDING  |
| 70 mm  | 2 VENTILATION GAP + STUDDING 22x100mm, cc600  |
|        | 3 WIND-PROTECTIVE INSULATION, STONE WOOL PAROC Renova (1200x1800) AND STUDDING 68mm, cc1200mm |
| 175 mm | 4 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING STRUCTURE 175x50mm, cc600         |
|        | 5 VAPOUR BARRIER  |
| 50 mm  | 6 THERMAL INSULATION, STONE WOOL PAROC eXtra AND STUDDING 50x50mm, cc600                      |
| 13 mm  | 7 BUILDING BOARD, PLASTER BOARD   |
|        | 8 SURFACE FINISHING   |

U-VALUE

0,13 W/m<sup>2</sup>K



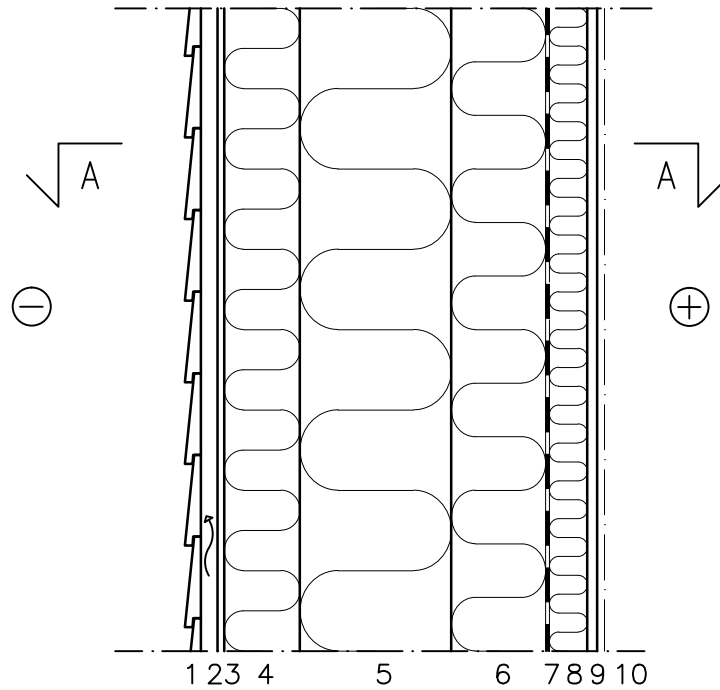
CROSS SECTION A-A



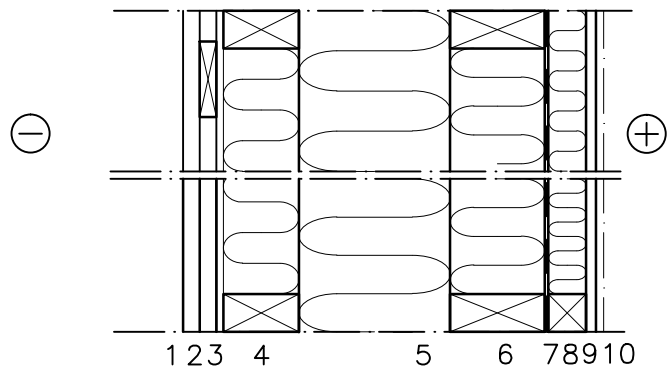
- |            |   |
|------------|---|
|            | 1 CLADDING  |
| 22 mm      | 2 VENTILATION GAP + STUDDING 22x100mm, cc600  |
| 70 mm      | 3 WIND-PROTECTIVE ISULATION, STONE WOOL PAROC Renova 70mm (1200x1800) AND STUDDING 68mm, cc1200mm |
| 300-400 mm | 4 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING STRUCTURE 300-400mm                   |
|            | 5 VAPOUR BARRIER  |
| 50 mm      | 6 THERMAL INSULATION, STONE WOOL PAROC eXtra AND STUDDING 50x50mm, cc600                          |
| 13 mm      | 7 BUILDING BOARD, PLASTER BOARD   |
|            | 8 SURFACE FINISHING   |

U-VALUE

0,08 -0,09 W/m<sup>2</sup>K



CROSS SECTION A-A



22 mm

9 mm

100 mm

100–200 mm

125 mm

50 mm

13 mm

1 CLADDING

2 VENTILATION GAP + STUDDING 22x100mm, cc600

3 WIND PROTECTIVE PLASTER BOARD

4 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING STRUCTURE 100x50mm, cc600

5 THERMAL INSULATION, STONE WOOL PAROC eXtra

6 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING STRUCTURE 125x50mm, cc600

7 VAPOUR BARRIER

8 THERMAL INSULATION, STONE WOOL PAROC eXtra AND SUPPORTING STRUCTURE 50x50mm, cc600

9 BUILDING BOARD, PLASTER BOARD

10 SURFACE FINISHING

U-VALUE

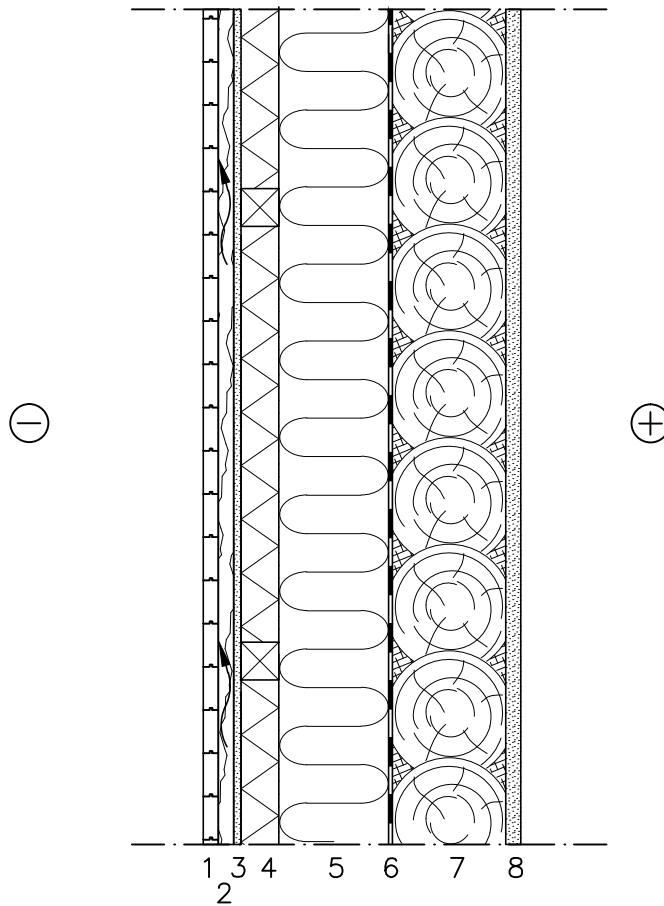
0,08 – 0,10 W/m²K



Company:	Detail No.: W-VF-10.14
Date:	Type: WALLS, WENTILATED FACADE
Signature:	Subject: TIMBER FRAME/LOG
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



22 mm  
70 mm

150 mm

- 1 CLADDING
- 2 VENTILATION GAP + STUDDING 22x100mm, cc600
- 3 WIND PROTECTIVE BOARD, PLASTER BOARD
- 4 THERMAL INSULATION PAROC eXtra AND STUDDING (50X150) cc600
- 5 THERMAL INSULATION PAROC eXtra AND STUDDING (50X150) cc600
- 6 AIR/VAPOUR BARRIER
- 7 LOG STRUCTURE
- 8 BUILDING BOARD

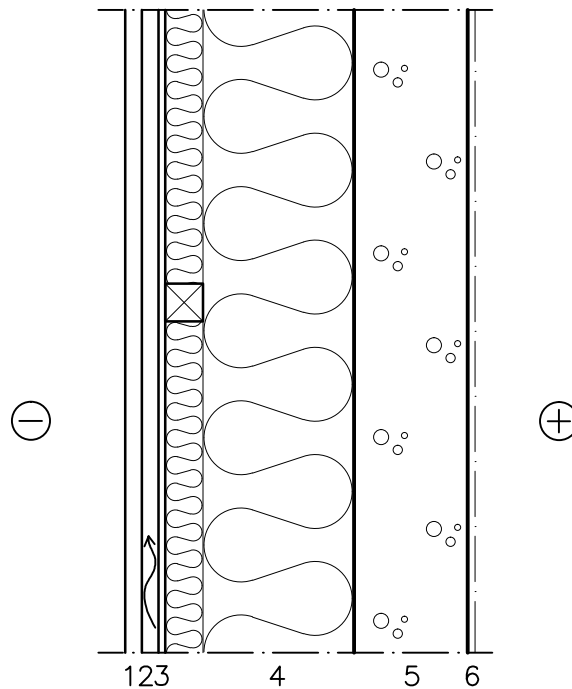
U-VALUE 0,18 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-20.1
Date:	Type: WALLS, VENTILATED FACADES
Signature:	Subject: TIMBER FRAME
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



>20 mm  
22 mm  
9 mm  
225 mm  
150mm

- 1 CLADDING
- 2 VENTILATION GAP + STUDDING 22x100mm, cc600
- 3 WIND PROTECTIVE BOARD, PLASTER BOARD
- 4 THERMAL INSULATION PAROC eXtra (50x175mm) AND STUDDING 50x50mm + 175x50mm cc600
- 5 SUPPORTING STRUCTURE
- 6 SURFACE FINISHING

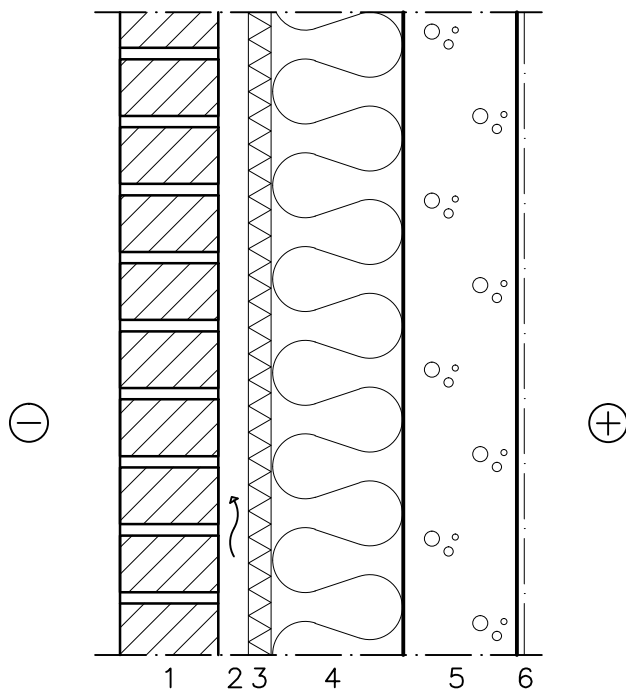
U-VALUE 0,17 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-20.2
Date:	Type: WALLS, VENTILATED FACADES
Signature:	Subject: STONE WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



130 mm  
40 mm  
50mm  
150mm  
150mm

- 1 CLADDING
- 2 VENTILATION GAP
- 3 WIND-PROTECTIVE INSULATION PAROC Cortex TAPED SEAMS
- 4 THERMAL INSULATION, STONE WOOL PAROC eXtra 150 mm
- 5 SUPPORTING STRUCTURE
- 6 SURFACE FINISHING

U-VALUE

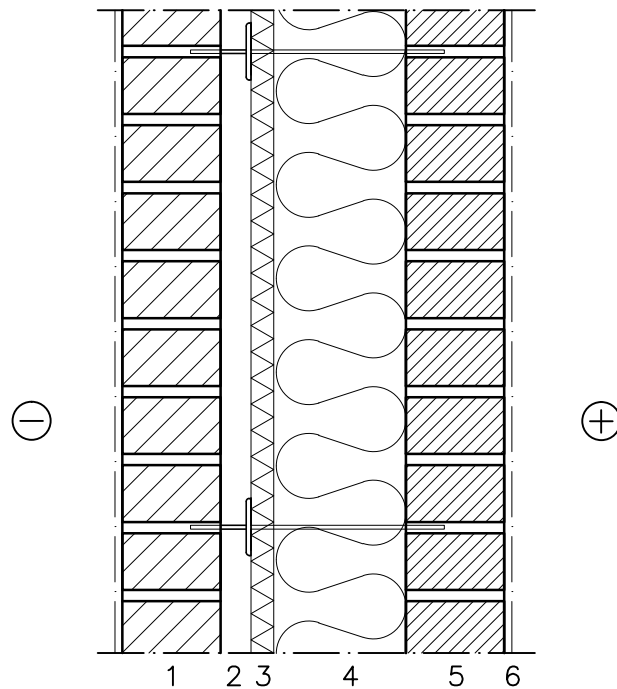
0,17 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-20.7
Date:	Type: VENTILATED FACADE
Signature:	Subject: STONE WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 130 mm | 1 BRICK FACADE   |
| 40 mm  | 2 VENTILATION GAP  |
| 30 mm  | 3 WIND PROTECTIVE INSULATION, STONE WOOL<br>PAROC WPB 3n OR<br>PAROC WAS 25t OR<br>PAROC WAS 35t |
| 175 mm | 4 THERMAL INSULATION, PAROC eXtra  |
| 130 mm | 5 MASONRY WALL   |
|        | 6 SURFACE FINISHING  |

U-arvo

0,16 W/m<sup>2</sup>K

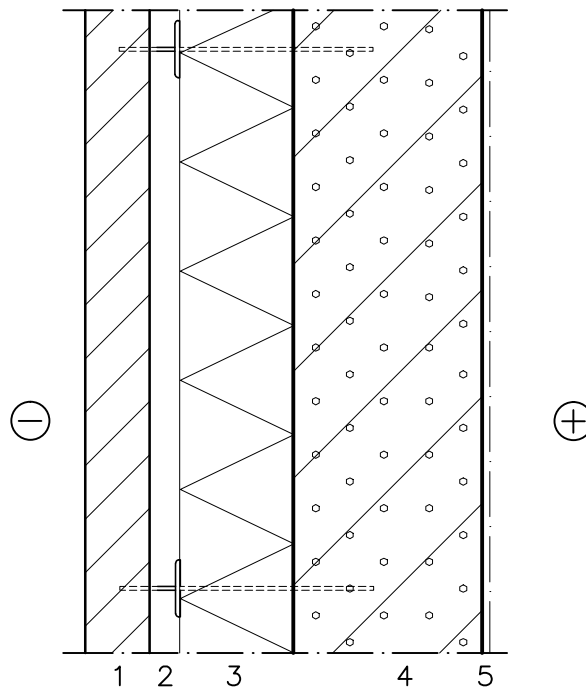




Company:	Detail No.: W-VF-20.8
Date:	Type: WALLS, VENTILATED FACADE
Signature:	Subject: STONE WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- 40 mm  
150 mm  
250 mm
- 1 CLADDING BRICK FACADE
  - 2 VENTILATION GAP
  - 3 THERMAL INSULATION,  
(CORTEX ONE or WALL SLAB PAROC WAS 50), TAPED SEAMS
  - 4 AERATED CONCRETE
  - 5 SURFACE FINISHING

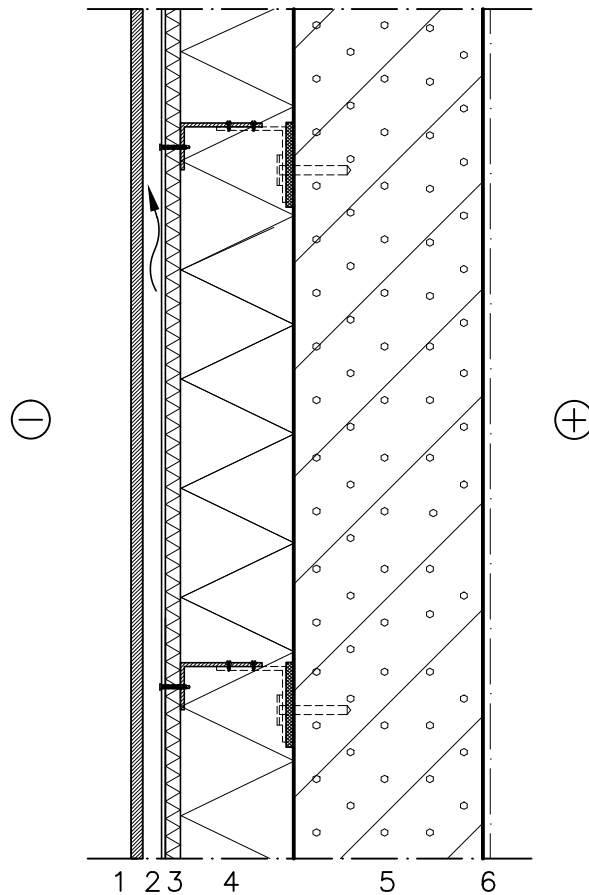
U-arvo 0,16 W/m<sup>2</sup>K



Company:	Detail No.: W-VF-20.9
Date:	Type: WALLS, VENTILATION FACADE
Signature:	Subject: STONE WALL
Measurement: 1:10	

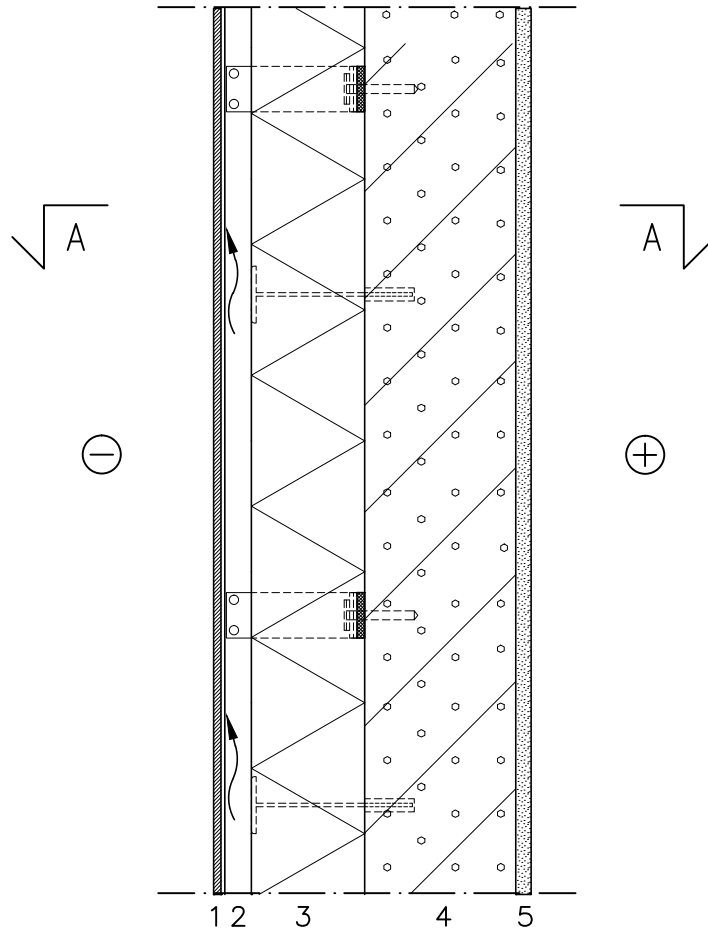
Notice: Principle Detail

Project specific changes are designer's responsibility

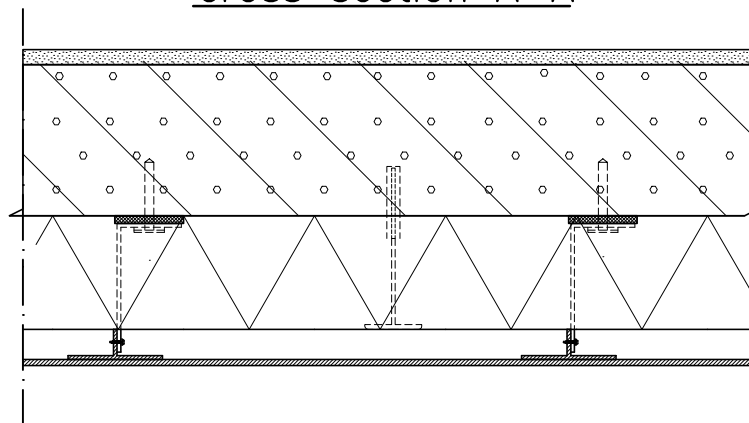


40 mm  
150 mm  
250 mm

- 1 CLADDING
- 2 VENTILATION GAP
- 3 WALL BOARD PAROC WAB 10 + STEELPROFILE
- 4 PERFORATED THERMO PROFILE cc600 THICKNESS 2mm
- 5 MASONRY WALL
- 5 SURFACE FINISHING



cross section A-A



40 mm  
150 mm  
250 mm

- 1 CLADDING
- 2 VENTILATION GAP STEELPROFILE
- 3 WALL SLAB WAS 35t/ STEELPROFILE
- 4 MASONRY WALL
- 5 SURFACE FINISHING



Company:

Detail No.:

W-VF-20.11

Date:

Type: WALLS, VENTILATED FACADE

Signature:

Subject:

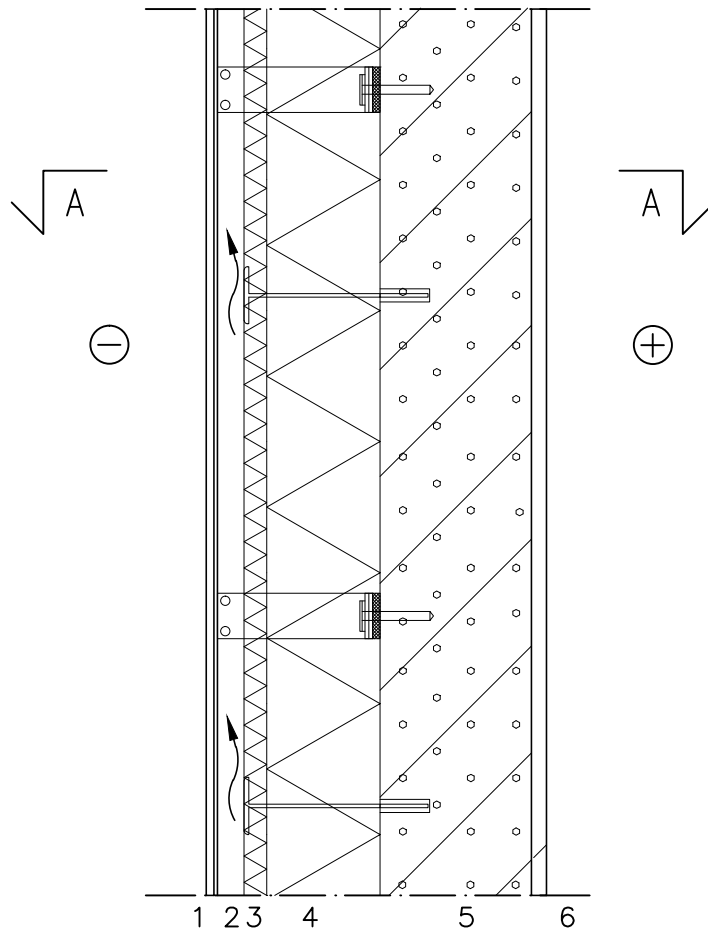
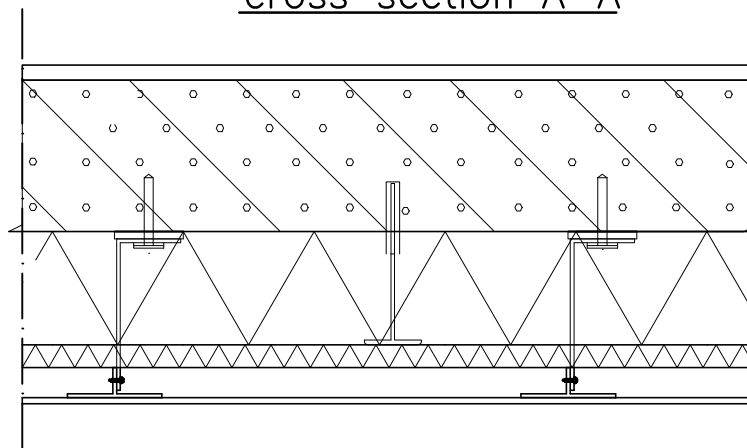
STONE WALL

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility

cross section A-A

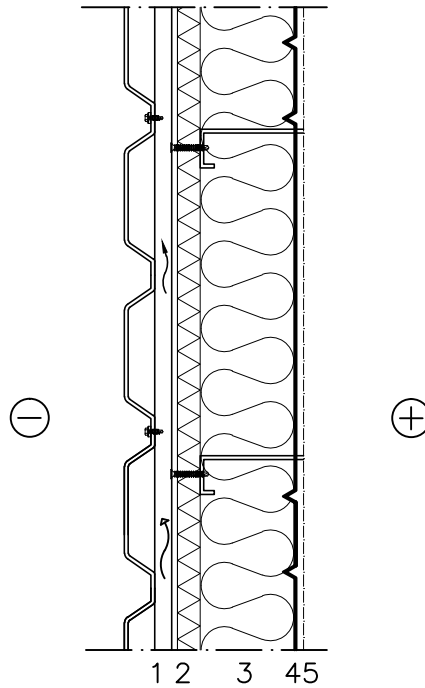
- 1 CLADDING
- 2 VENTILATION GAP/ STEEL PROFILE
- 3 THERMAL INSULATION,  
WALL SLAB PAROC WAS 25t OR  
PAROC WAS 35t
- 4 THERMAL INSULATION, PAROC eXtra PLUS/ STEEL PROFILE
- 5 MASONRY WALL
- 6 SURFACE FINISHING



Company:	Detail No.: W-VF-40.1
Date:	Type: WALLS, VENTILATED FACADE
Signature:	Subject: INDUSTRIAL WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



30 mm  
125 mm

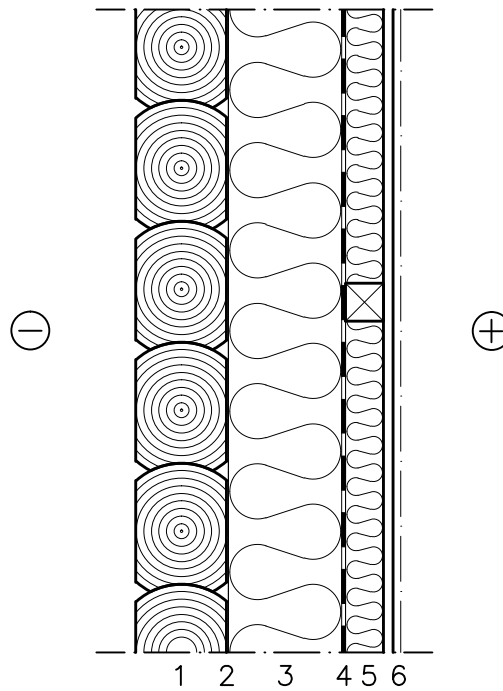
- 1 CLADDING
- 2 WIND PROTECTIVE INSULATION PAROC WPB 3n. TAPED SEAMS
- 3 THERMAL INSULATION, STONE WOOL PAROC eXtra  
+ PERFORATED THERMO PROFILE cc600 THICKNESS 1,5mm
- 4 GALVANIZED STEEL SHEET
- 5 SURFACE FINISHING



Company:	Detail No.: W-MV-10.1
Date:	Type: WALLS, MASSIVE WALLS
Signature:	Subject: LOG WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 120 mm | 1 LOG WALL   |
|        | 2 LINING PAPER   |
| 150 mm | 3 THERMAL INSULATION, PAROC eXtra and STUDDING 150x50mm, CC600 |
|        | 4 AIR/VAPOUR BARRIER   |
| 50 mm  | 5 THERMAL INSULATION, PAROC eXtra and STUDDING 50x50mm, CC600  |
|        | 6 SURFACE FINISHING  |

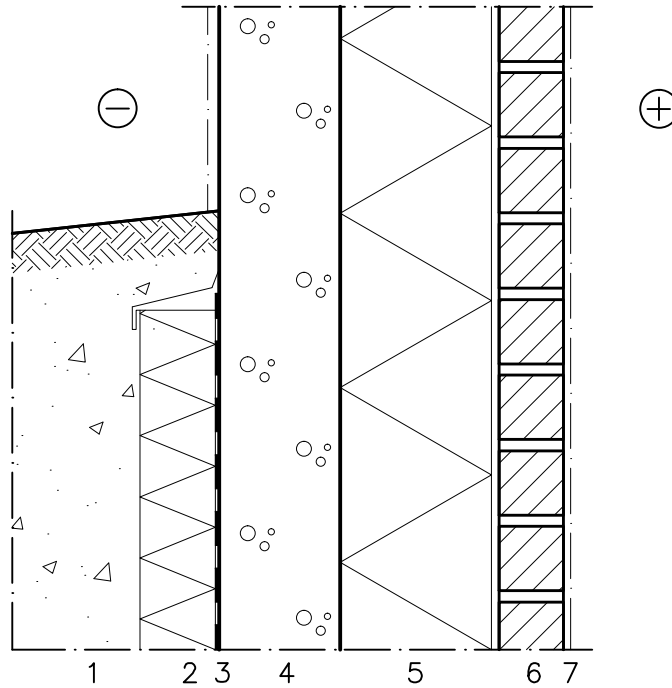
U-VALUE 0,17 W/m<sup>2</sup>K



Company:	Detail No.: W-CW-10.1
Date:	Type: WALLS
Signature:	Subject: CELLAR WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



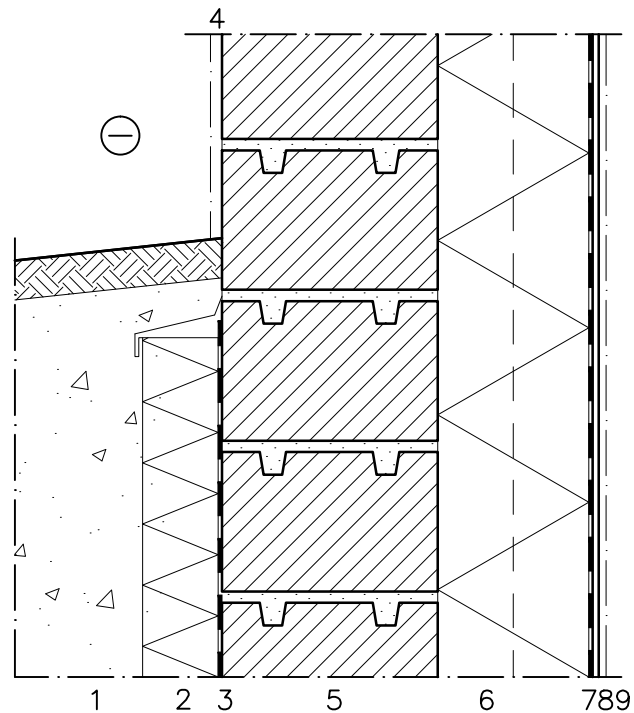
- |        |  |
|--------|--|
| 100 mm | 1 GRAVEL LAYER                                 |
| 160 mm | 2 THERMAL INSULATION PAROC COS 10              |
| 200 mm | 3 SURFACE FINISHING WATERPROOFING BITUMEN FELT |
| 85 mm  | 4 SUPPORTING STRUCTURE                         |
|        | 5 THERMAL INSULATION, STONE WOOL PAROC eXtra   |
|        | 6 MASONRY WALL                                 |
|        | 7 SURFACE FINISHING                            |



Company:	Detail No.: W-CW-10.2
Date:	Type: WALLS
Signature:	Subject: CELLAR WALL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- 100 mm 1 GRAVEL LAYER  
285 mm 2 THERMAL INSULATION, STONE WOOL PAROC COS 10  
200 mm 3 BITUMEN FELT  
4 SURFACE FINISHING  
5 SUPPORTING STRUCTURE, LIGHT WEIGHT AGGREGATE CONCRETE  
6 THERMAL INSULATION, STONE WOOL PAROC eXtra, IMPREGNATED WOOD STUDDING  
7 AIR/VAPOUR BARRIER  
8 BUILDING BOARD  
9 SURFACE FINISHING

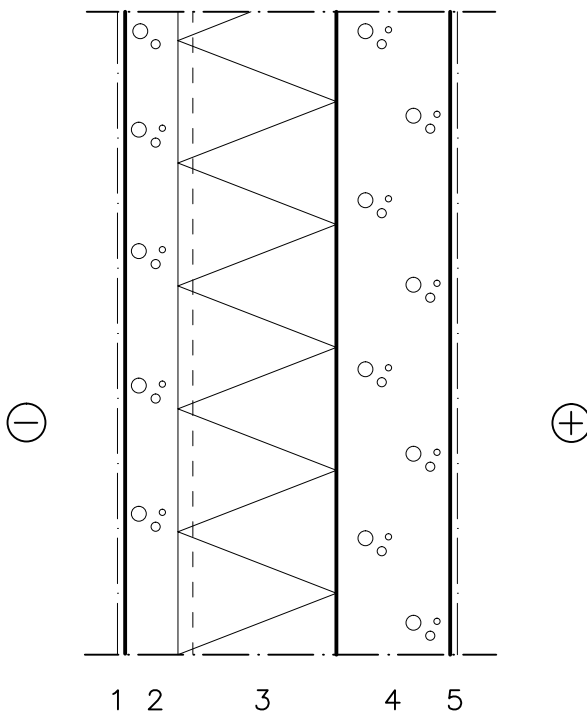




Company:	Detail No.: W-SW-10.1
Date:	Type: WALLS, CONCRETE
Signature:	Subject: CONCRETE SANDWICH PANEL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



70 mm  
210 mm  
150 mm

- 1 SURFACE FINISHING
- 2 REINFORCED CONCRETE
- 3 GROOVED THERMAL INSULATION PAROC COS 5ggt
- 4 REINFORCED CONCRETE
- 5 SURFACE FINISHING

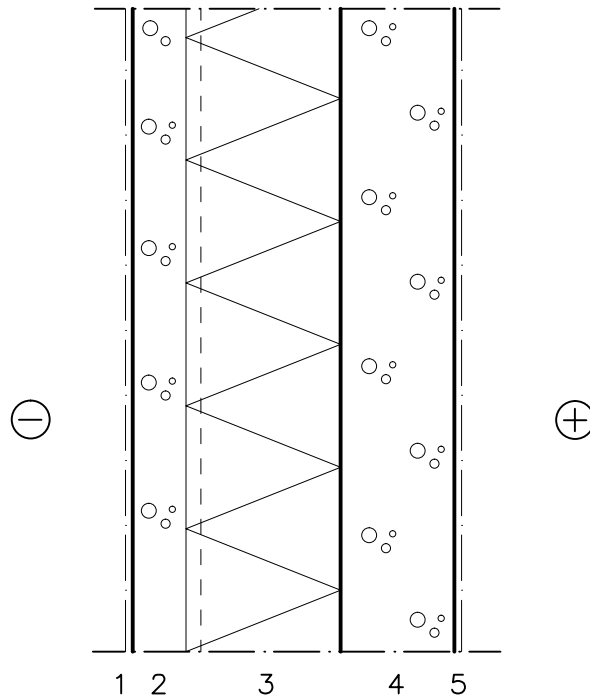
U-VALUE 0,17 W/m<sup>2</sup>K  
DEFLECTION OF THE INSULATION (~5mm)  
HAS BEEN TAKEN INTO ACCOUNT IN CALCULATION



Company:	Detail No.: W-SW-10.2
Date:	Type: WALLS, CONCRETE
Signature:	Subject: CONCRETE SANDWICH PANEL
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



70 mm  
205 mm  
150 mm

- 1 SURFACE FINISHING
- 2 REINFORCED CONCRETE
- 3 GROOVED THERMAL INSULATION PAROC Precast ggt
- 4 REINFORCED CONCRETE
- 5 SURFACE FINISHING

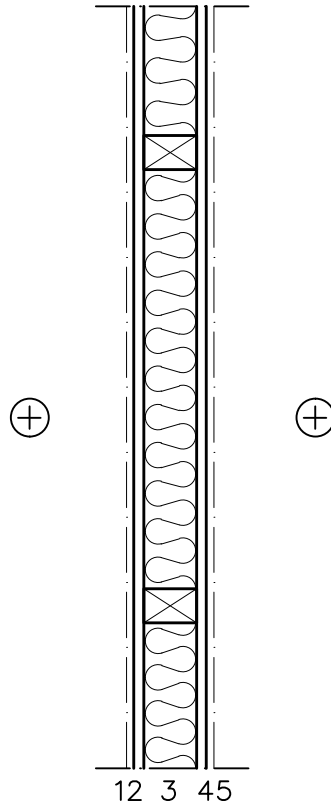
U-VALUE 0,17 W/m<sup>2</sup>K  
DEFLECTION OF THE INSULATION (~5mm)  
HAS BEEN TAKEN INTO ACCOUNT IN CALCULATION



Company:	Detail No.: W-PW-20.1
Date:	Type: WALLS, PARTITION
Signature:	Subject: COMPARTMENTATION
Measurement: 1:10	(EI 45)

Notice: Principle Detail

Project specific changes are designer's responsibility



12,5mm  
70mm

- 1 SURFACE FINISHING
- 2 PLASTER BOARD
- 3 TIMBER STUDS 70mm cc600/ PAROC extra
- 4 PLASTER BOARD
- 5 SURFACE FINISHING

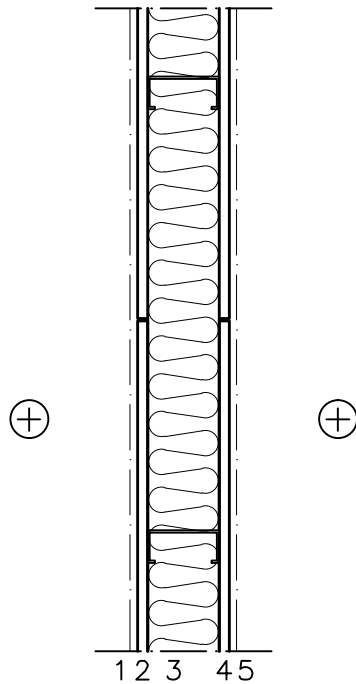
FIRE CLASS EI45



Company:	Detail No.: W-PW-20.5
Date:	Type: WALLS, PARTITIONS
Signature:	Subject: COMPARTMENTATION (EI 60)
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- 12,5mm  
95–100mm  
12,5mm
- 1 SURFACE FINISHING
  - 2 PLASTER BOARD
  - 3 STEEL FRAME cc600  
+ paroc extra 100 mm
  - 4 PLASTER BOARD
  - 5 SURFACE FINISHING

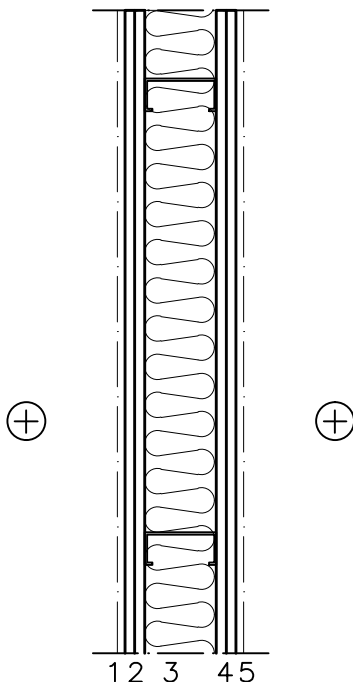
FIRE CLASS EI 60  
AIRBORNE SOUND INSULATION 36 dB



Company:	Detail No.: W-PW-20.6
Date:	Type: WALLS, PARTITIONS
Signature:	Subject: COMPARTMENTATION (EI 90)
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



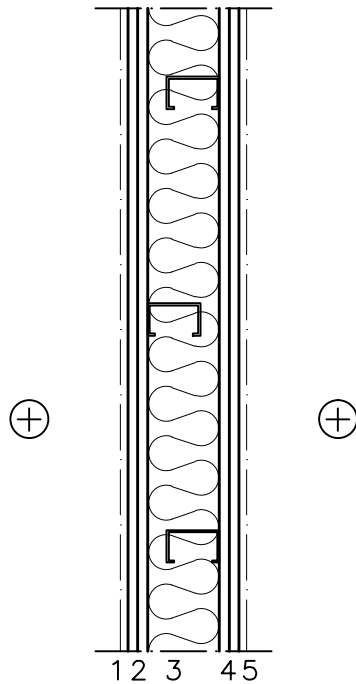
- |                 |                              |
|-----------------|------------------------------|
| 12,5mm + 12,5mm | 1 SURFACE FINISHING          |
| 95mm            | 2 2xPLASTER BOARD            |
|                 | 3 STEEL FRAME cc600          |
|                 | STONE WOOL Paroc extra 100mm |
| 12,5mm + 12,5mm | 4 2xPLASTER BOARD            |
|                 | 5 SURFACE FINISHING          |
- FIRE CLASS EI 90  
AIRBORNE SOUND INSULATION R'<sub>w</sub> 44 dB



Company:	Detail No.: W-PW-20.7
Date:	Type: WALLS, PARTITIONS
Signature:	Subject: COMPARTMENTATION (EI 90)
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



12,5mm +12,5mm  
95mm

12,5mm +12,5mm

- 1 SURFACE FINISHING
- 2 2x PLASTER BOARD
- 3 STEEL FRAME; IMBRICATED 66x35mm STEEL FRAMES  
STONE WOOL Paroc extra
- 4 2x PLASTER BOARD
- 5 SURFACE FINISHING

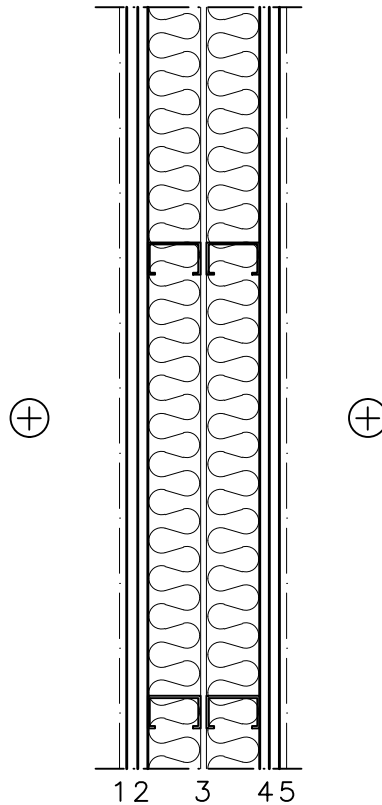
FIRE CLASS EI 90  
AIRBORNE SOUND INSULATION R'<sub>w</sub> 48 dB



Company:	Detail No.: W-PW-20.8
Date:	Type: WALLS, PARTITIONS
Signature:	Subject: COMPARTMENTATION (EI 90)
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



12.5mm +12.5mm  
140mm

12.5mm +12.5mm

- 1 SURFACE FINISHING
- 2 2x PLASTER BOARD
- 3 DOUBLE STEEL FRAME 2x66mm cc600 mm, with air gap 8mm  
+ STONE WOOL PAROC eXtra
- 4 2x PLASTER BOARD
- 5 SURFACE FINISHING

FIRE CLASS EI 90

AIRBORNE SOUND INSULATION  $R'_w = 56\text{dB}$

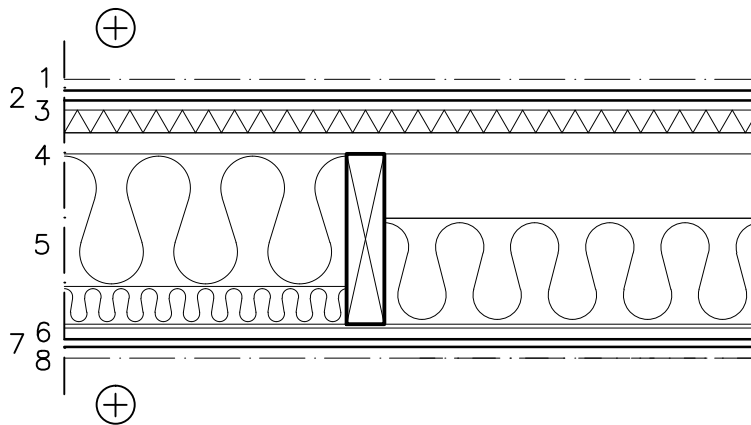


Company:  
Date:  
Signature:  
Measurement: 1:10

Detail No.: F-IF-10.1  
Type: FLOORS  
Subject: INTERMEDIATE FLOOR,  
TIMBER FLOOR

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |   |
|--------|---|
|        | 1 SURFACE FINISHING                               |
|        | 2 BUILDING BOARD                                  |
| 30 mm  | 3 STEP SOUND INSULATION, stone wool PAROC SSB 2   |
| 28 mm  | 4 GRID SIDING 28x100 mm cc400 mm<br>(or plywood)  |
| 225 mm | 5 SUPPORTING STRUCTURE<br>floor joists 225x50 mm+ |
| 125 mm | sound insulation PAROC eXtra                      |
|        | 6 SPRING SUSPENSION cc400                         |
|        | 7 BUILDING BOARD                                  |
|        | 8 SURFACE FINISHING                               |



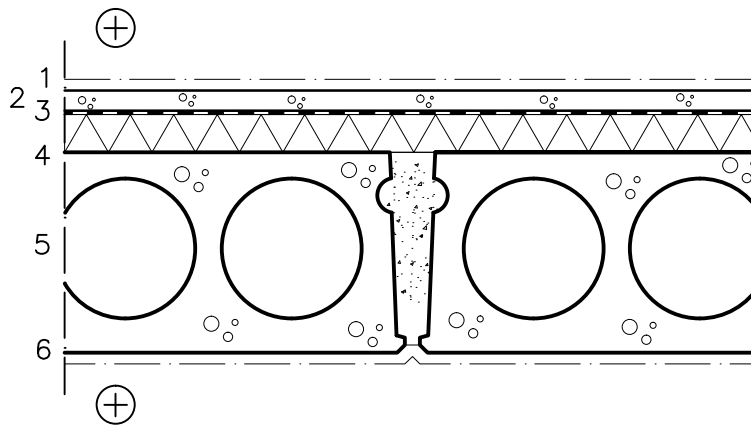


Company:	
Date:	
Signature:	
Measurement:	1:10

Detail No.:	F-IF-20.1
Type:	FLOORS
Subject:	INTERMEDIATE FLOOR, CONCRETE FLOOR

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 50 mm  | 1 SURFACE FINISHING                      |
| 265 mm | 2 FLOOR SCREED                           |
|        | 3 CASTING PROTECTION, strainer cloth     |
|        | 4 SOUND INSULATION, PAROC SSB 2          |
|        | 5 SUPPORTING STRUCTURE, hollow-core slab |
|        | 6 SURFACE FINISHING                      |



Company:

Detail No.:

F-IF-20.2

Date:

Type:

FLOORS

Signature:

Subject:

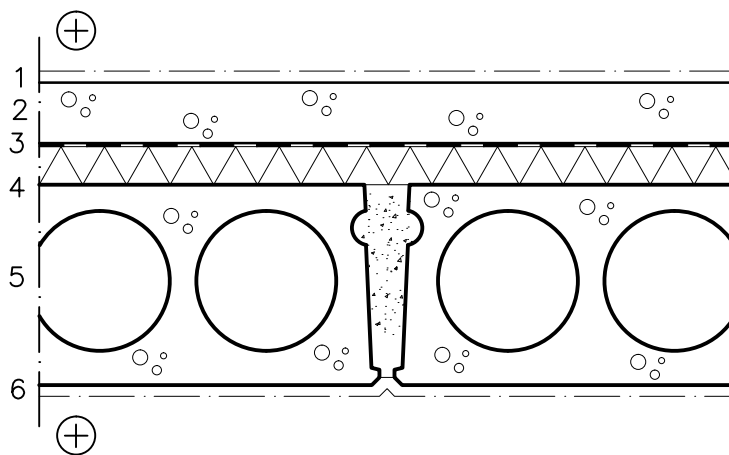
INTERMEDIATE FLOOR,  
CONCRETE FLOOR

Measurement:

1:10

Notice: Principle Detail

Project specific changes are designer's responsibility



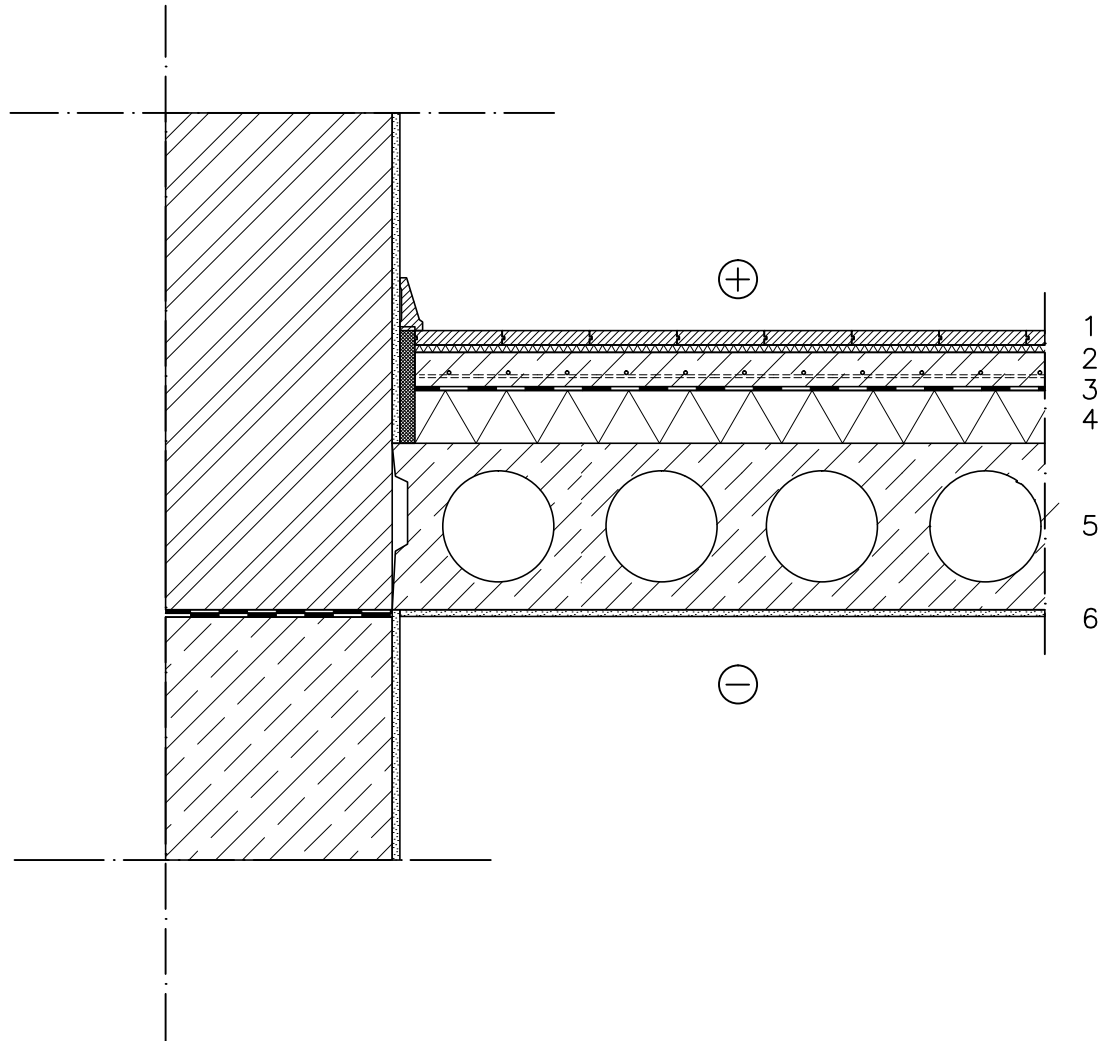
- |        |   |
|--------|---|
| 80 mm  | 1 SURFACE FINISHING   |
|        | 2 REINFORCED CONCRETE FLOOR, detached from the surrounding structures       |
|        | 3 CASTING PROTECTION<br>PAROC strainer cloth                                |
| 50 mm  | 4 STEP SOUND INSULATION<br>stone wool PAROC SSB 1                           |
| 265 mm | 5 SUPPORTING STRUCTURE, according to construction plans<br>hollow-core slab |
|        | 6 SURFACE FINISHING   |



Company:	Detail No.: F-IF-20.3
Date:	Type: FLOORS
Signature:	Subject: INTERMEDIATE FLOOR, CONCRETE FLOOR
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



50 mm

70 mm

220 mm

- 1 SURFACE FINISHING
- 2 REINFORCED CONCRETE FLOOR, detached from the surrounding structures
- 3 CASTING PROTECTION  
PAROC PAROC strainer cloth
- 4 THERMAL INSULATION  
stone wool PAROC GRS 20
- 5 SUPPORTING STRUCTURE, according to construction plans  
hollow-core slab
- 6 SURFACE FINISHING

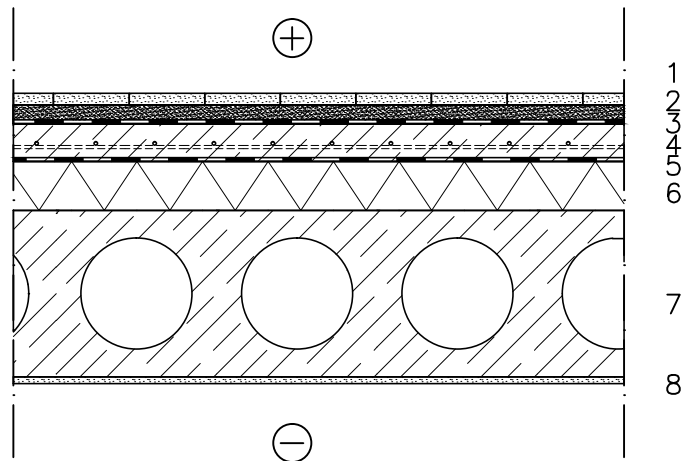


Company:	
Date:	
Signature:	
Measurement:	1:10

Detail No.:	F-IF-20.4
Type:	FLOORS
Subject:	INTERMEDIATE FLOOR, CONCRETE FLOOR

Notice: Principle Detail

Project specific changes are designer's responsibility



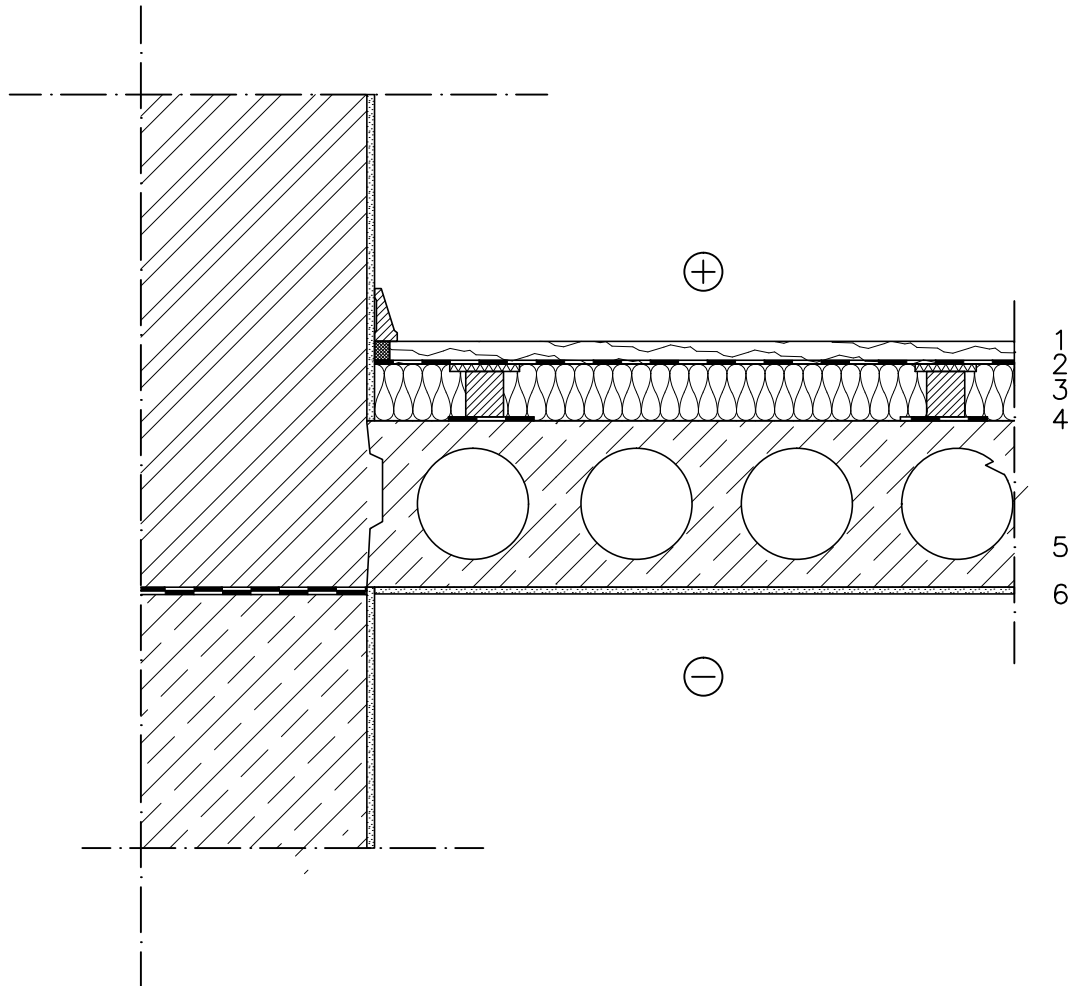
- |        |   |
|--------|---|
|        | 1 SURFACE FINISHING   |
|        | 2 SCREED  |
|        | 3 WATERPROOFING   |
| 50 mm  | 4 REINFORCED CONCRETE FLOOR, detached from<br>the surrounding structures    |
|        | 5 CASTING PROTECTION<br>PAROC strainer cloth                                |
| 70 mm  | 6 THERMAL INSULATION<br>stone wool PAROC GRS 20                             |
| 220 mm | 7 SUPPORTING STRUCTURE, according to construction plans<br>hollow-core slab |
|        | 8 SURFACE FINISHING   |



Company:	Detail No.: F-IF-20.5
Date:	Type: FLOORS
Signature:	Subject: INTERMEDIATE FLOOR, CONCRETE FLOOR
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



75 mm

220 mm

- 1 SURFACE FINISHING
- 2 VAPOUR BARRIER
- 3 THERMAL INSULATION, PAROC  
eXtra (eXtra plus), timber frame
- 4 CAPILLARY BREAK under frames
- 5 SUPPORTING STRUCTURE, hollow-core slab
- 6 SURFACE FINISHING

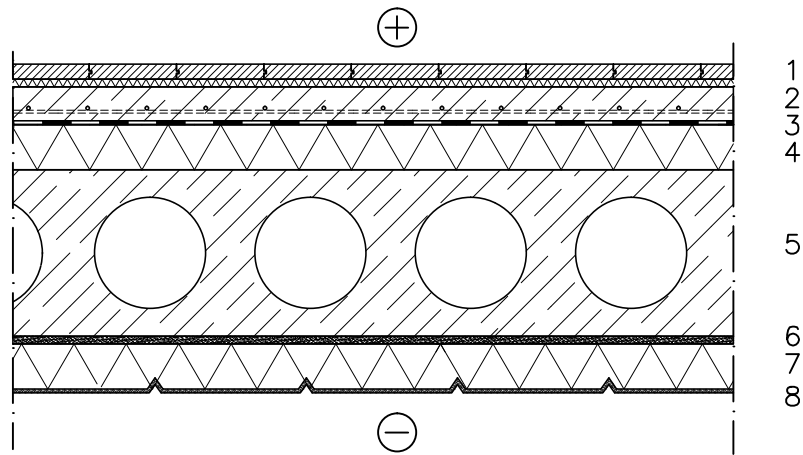


Company:	
Date:	
Signature:	
Measurement:	1:10

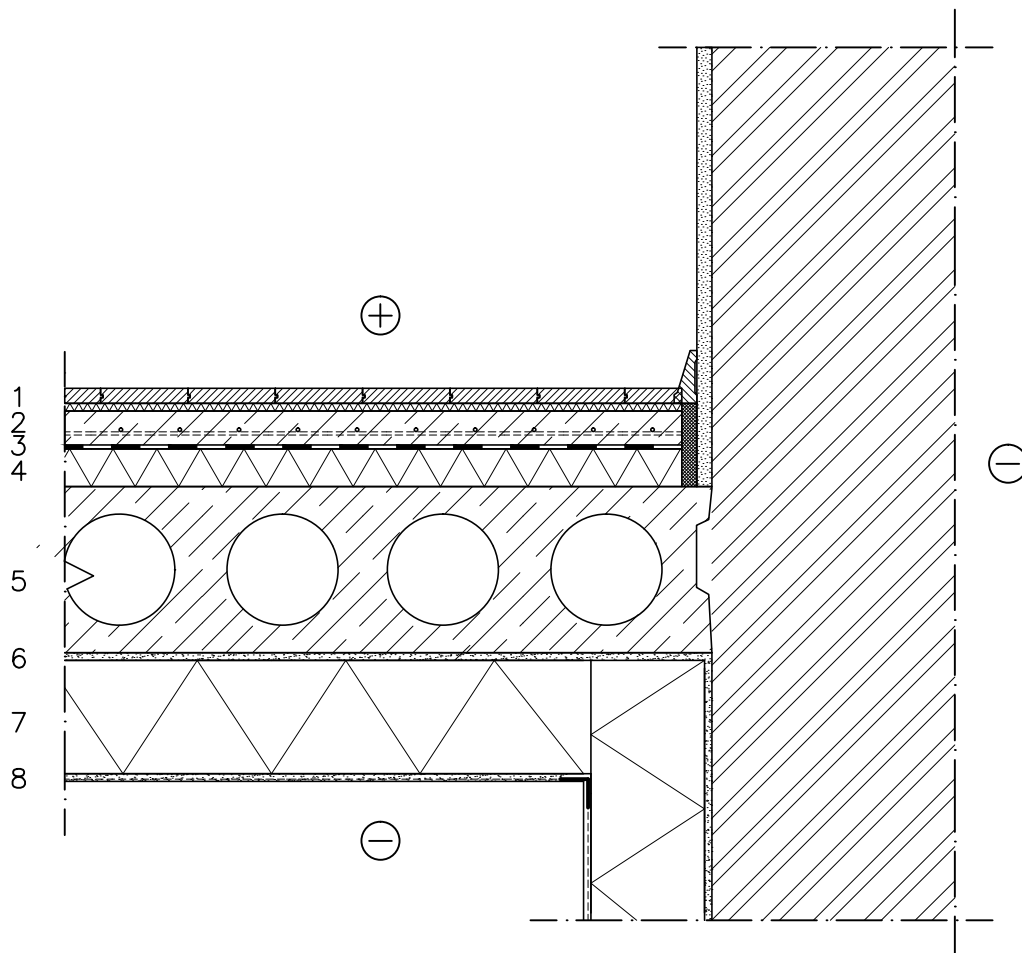
Detail No.:	F-IF-20.6
Type:	FLOORS
Subject:	INTERMEDIATE FLOOR, CONCRETE FLOOR

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |   |
|--------|---|
| 50 mm  | 1 SURFACE FINISHING   |
|        | 2 REINFORCED CONCRETE FLOOR, detached from the surrounding structures       |
|        | 3 CASTING PROTECTION<br>PAROC strainer cloth                                |
| 60 mm  | 4 THERMAL INSULATION<br>stone wool PAROC GRS 20                             |
| 220 mm | 7 SUPPORTING STRUCTURE, according to construction plans<br>hollow-core slab |
|        | 6 SCREED  |
| 60 mm  | 4 THERMAL INSULATION<br>stone wool PAROC CGL 20cy                           |
|        | 8 SURFACE FINISHING   |



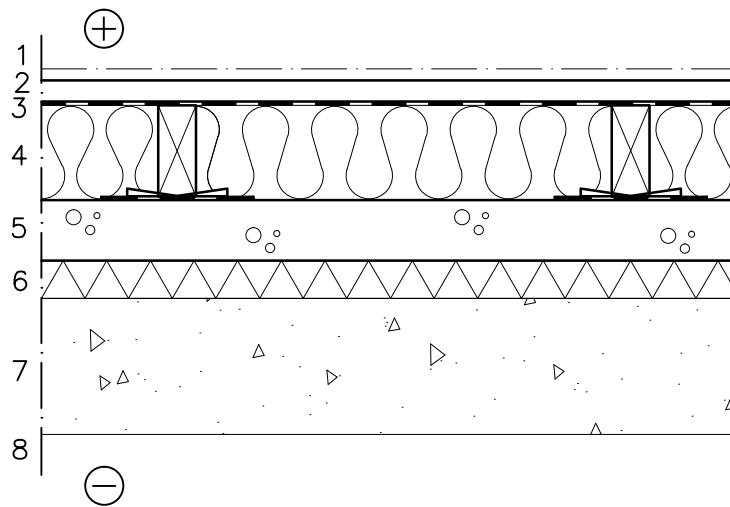
- |        |   |
|--------|---|
| 50 mm  | 1 SURFACE FINISHING   |
|        | 2 REINFORCED CONCRETE FLOOR, detached from the surrounding structures       |
|        | 3 CASTING PROTECTION<br>PAROC strainer cloth                                |
| 50 mm  | 4 THERMAL INSULATION<br>stone wool PAROC GRS 20                             |
| 220 mm | 7 SUPPORTING STRUCTURE, according to construction plans<br>hollow-core slab |
|        | 6 SCREED  |
| 150 mm | 4 THERMAL INSULATION<br>stone wool PAROC FAL 1                              |
|        | 8 SURFACE FINISHING   |



Company:	Detail No.: F-GS-10.1
Date:	Type: FLOORS
Signature:	Subject: GROUND SLAB
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |   |
|--------|---|
| 28 mm  | 1 SURFACE FINISHING   |
|        | 2 FLOORBOARD, 28x95mm   |
|        | 3 AIR/VAPOUR BARRIER  |
| 125 mm | 4 THERMAL INSULATION, stone wool PAROC eXtra, studding<br>120x50mm+wedge+bitumen felt strip |
| 80 mm  | 5 REINFORCED CONCRETE   |
| 50 mm  | 6 THERMAL INSULATION, stone wool PAROC GRS 20   |
|        | 7 GRAVEL FILLING, (capillary break)   |
|        | 8 SUBSOIL   |

U-value 0,12 W/m<sup>2</sup>K

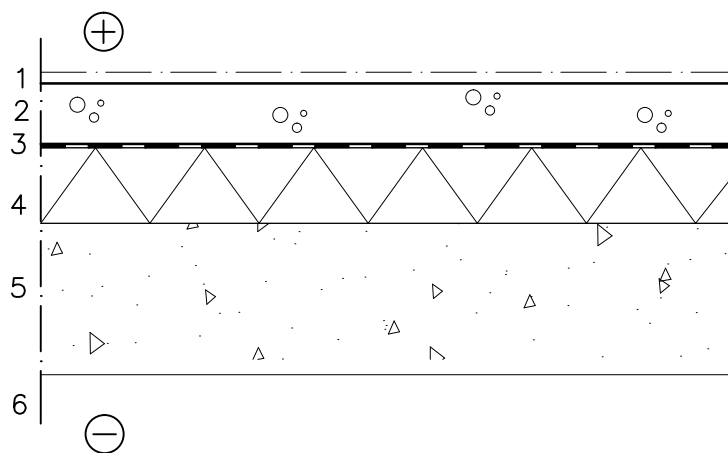




Company:	Detail No.: F-GS-10.2
Date:	Type: FLOORS
Signature:	Subject: GROUND SLAB
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



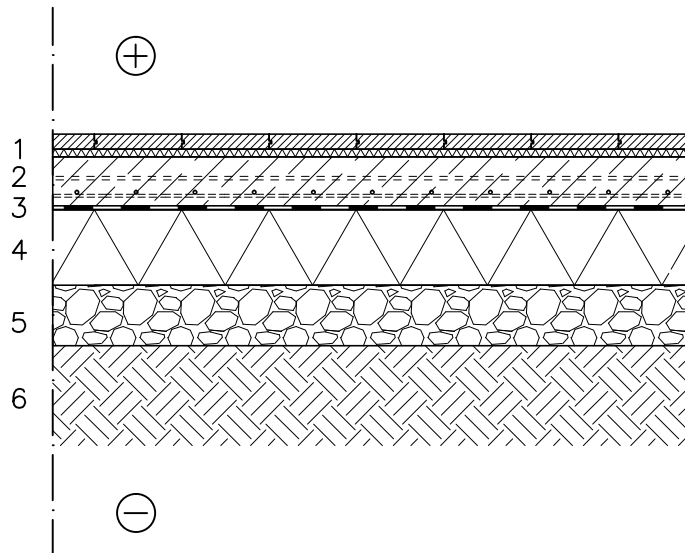
- 80 mm      1 SURFACE FINISHING  
100 mm     2 REINFORCED CONCRETE, according to construction plans  
> 200 mm   3 CASTING PROTECTION  
              4 THERMAL INSULATION, stone wool PAROC GRS 20  
              5 GRAVEL FILLING, (capillary break)  
              6 SUBSOIL
- U-value                      0,16 W/m<sup>2</sup>K



Company:	Detail No.: F-GS-10.3
Date:	Type: FLOORS
Signature:	Subject: GROUND SLAB WITH HEATING
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



20 mm  
70 mm  
  
100 mm  
80 mm

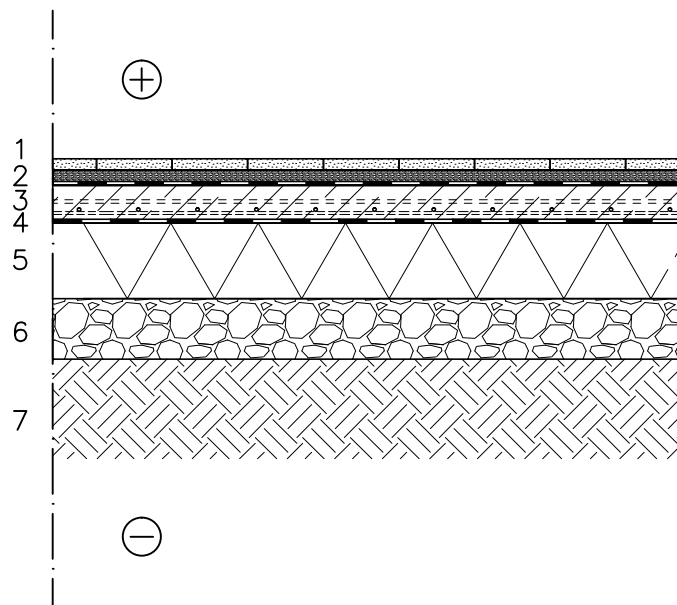
- 1 SURFACE FINISHING
- 2 REINFORCED CONCRETE (FLOOR HEATING)
- 3 CASTING PROTECTION
- 4 THERMAL INSULATION, stone wool PAROC GRS 20
- 5 GRAVEL FILLING, (capillary break)
- 6 SUBSOIL



Company:	Detail No.: F-GS-10.4
Date:	Type: FLOORS
Signature:	Subject: GROUND SLAB WET ROOM
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



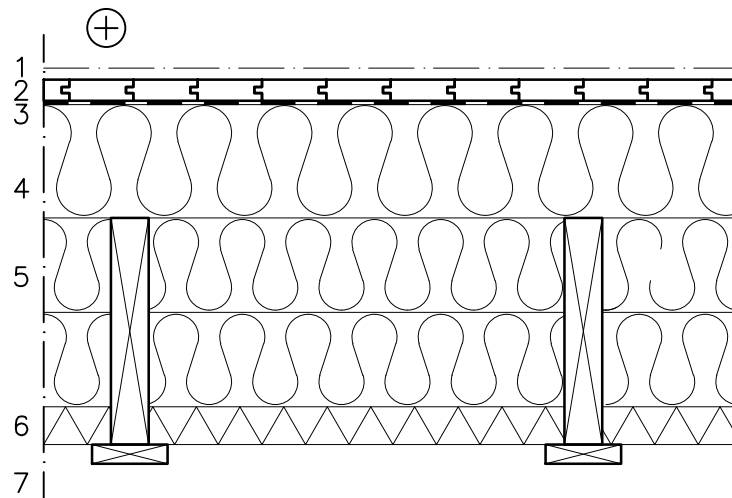
- |        |   |
|--------|---|
| 20 mm  | 1 SURFACE FINISHING                           |
|        | 2 WATERPROOFING                               |
| 50 mm  | 3 REINFORCED CONCRETE                         |
|        | 4 CASTING PROTECTION                          |
| 100 mm | 5 THERMAL INSULATION, stone wool PAROC GRS 20 |
| 80 mm  | 6 GRAVEL FILLING, (capillary break)           |
|        | 7 SUBSOIL                                     |



Company:	Detail No.: F-VF-10.1
Date:	Type: FLOORS
Signature:	Subject: VENTILATED FLOOR
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |            |  |
|------------|--|
| 28 mm      | 1 SURFACE FINISHING  |
|            | 2 FLOORBOARD 28x95mm   |
|            | 3 AIR/VAPOUR BARRIER   |
| 125–150 mm | 4 THERMAL INSULATION, stone wool PAROC eXtra + studding 125x50 mm  |
| 250 mm     | 5 THERMAL INSULATION, stone wool Paroc eXtra (125+125mm) and<br>SUPPORTING STRUCTURE floor joists 300x50mm |
| 55 mm      | 6 WIND PROTECTIVE INSULATION, stone wool PAROC WPS 3n  |
|            | 7 VENTILATED SPACE   |

U-value 0,09 W/m<sup>2</sup>K  
(ventilation gaps >8 ‰ area of the floor)



Company:

Date:

Signature:

Measurement:

1:10

Detail No.:

F-VF-10.2

Type:

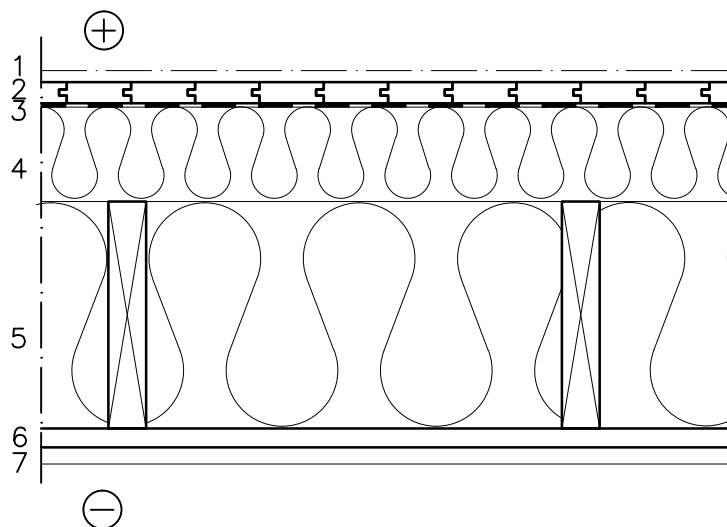
FLOORS

Subject:

VENTILATED FLOOR

Notice: Principle Detail

Project specific changes are designer's responsibility



- |            |   |
|------------|---|
| 28 mm      | 1 SURFACE FINISHING   |
|            | 2 FLOOR BOARD, 28x95mm  |
|            | 3 AIR/VAPOUR BARRIER  |
| 125–150 mm | 4 THERMAL INSULATION, stone wool Paroc eXtra<br>+ studding 125x50mm   |
| 300 mm     | 5 THERMAL INSULATION, stone wool Paroc eXtra (150+150mm) and SUPPORTING<br>STRUCTURE, floor joints 300x50mm |
| 25 mm      | 6 WIND PROTECTIVE INSULATION, for example fibre board   |
| 22 mm      | 7 STUDDING, 22x100mm, cc300   |

U-value

0,09 W/m<sup>2</sup>K

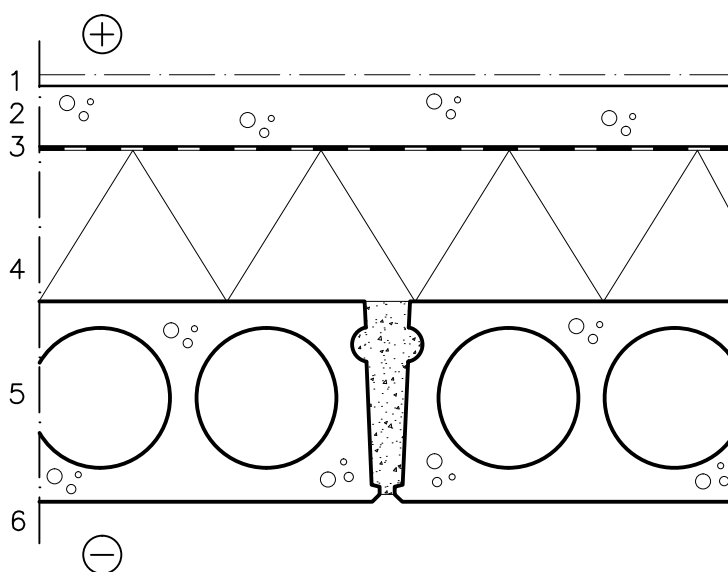
(ventilation gaps &gt;8 ‰ area of the floor)



Company:	Detail No.: F-VF-10.3
Date:	Type: FLOORS
Signature:	Subject: VENTILATED FLOOR CONCRETE
Measurement: 1:10	

Notice: Principle Detail

Project specific changes are designer's responsibility



- |        |  |
|--------|--|
| 80 mm  | 1 SURFACE FINISHING  |
|        | 2 REINFORCED CONCRETE FLOOR, according to construction plans |
|        | 3 CASTING PROTECTION   |
|        | PAROC strainer cloth   |
| 200 mm | 4 THERMAL INSULATION, stone wool PAROC GRS 20                |
| 265 mm | 5 SUPPORTING STRUCTURE, according to construction plans      |
|        | 6 VENTILATION SPACE, ventilation gaps >8 ‰ area of the floor |

U—arvo

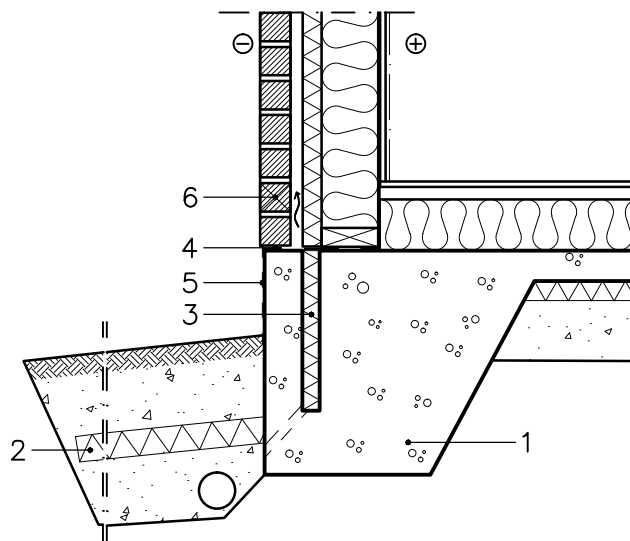
0,16 W/m<sup>2</sup>K



Company:	Detail No.: G-F-10.1
Date:	Type: GROUND
Signature:	Subject: FOUNDATIONS
Measurement: 1:20	

Notice: Principle Detail

Project specific changes are designer's responsibility



50mm

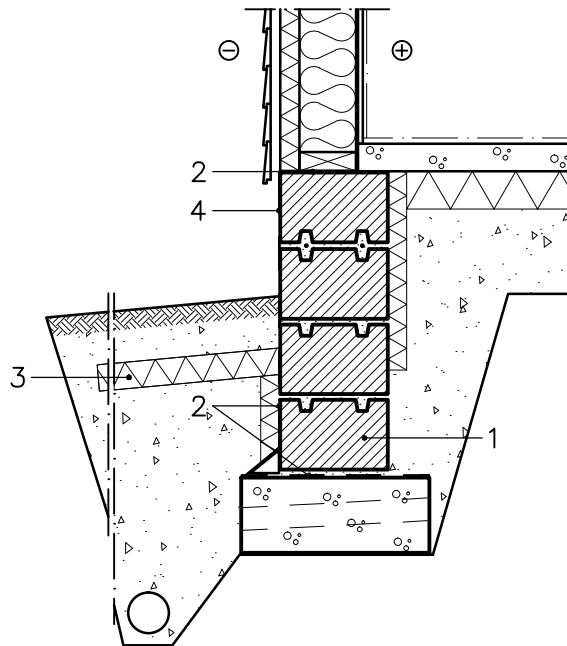
- 1 BEARING SLAB
- 2 FROST INSULATION PAROC GRS 20
- 3 PLINTH INSULATION PAROC COS 10
- 4 CAPILLARY BREAK, BITUMEN FELT+ SEALANT STRIP PAROC XSI
- 5 SURFACE FINISHING
- 6 VENTILATION GAP, EVERY THIRD VERTICAL SEAM IS LEFT OPEN



Company:	Detail No.: G-F-10.2
Date:	Type: GROUND
Signature:	Subject: FOUNDATIONS
Measurement: 1:20	

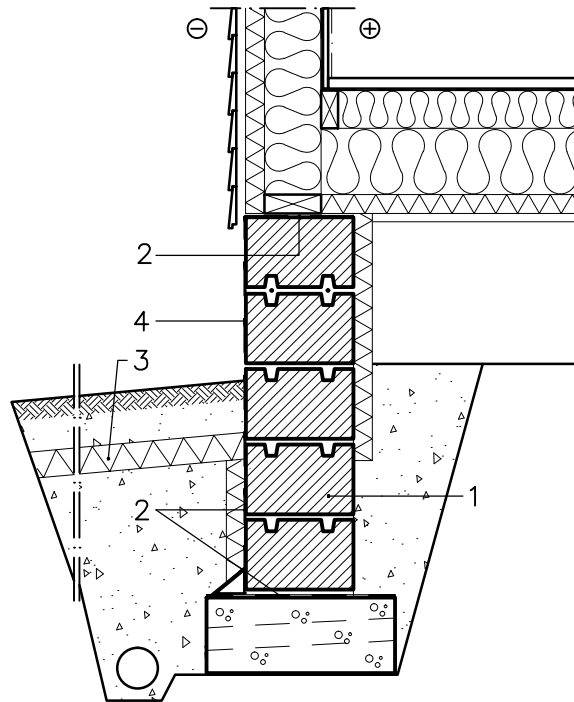
Notice: Principle Detail

Project specific changes are designer's responsibility



- 1 FOUNDATION, LIGHTWEIGHT AGGREGATE CONCRETE
- 2 CAPILLARY BREAK SEALANT STRIP PAROC XSI
- 3 FROST INSULATION PAROC GRS 20
- 4 SURFACE FINISHING





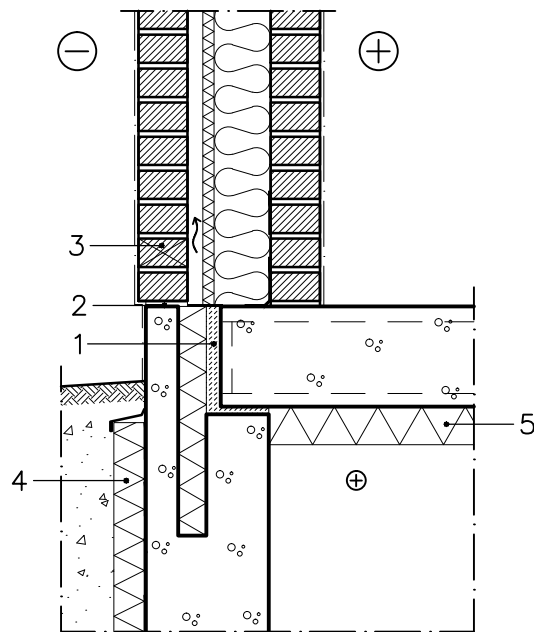
- 1 FOUNDATION, LIGHTWEIGHT AGGREGATE CONCRETE
- 2 CAPILLARY BREAK SEALANT STRIP PAROC XSI
- 3 FROST INSULATION PAROC GRS 20
- 4 SURFACE FINISHING



Company:	Detail No.: G-F-10.4
Date:	Type: GROUND
Signature:	Subject: FOUNDATIONS
Measurement: 1:20	

Notice: Principle Detail

Project specific changes are designer's responsibility



- 1 GROUTING  
2 CAPILLARY BREAK, BITUMEN FELT  
3 VENTILATION GAP, EVERY THIRD VERTICAL SEAM IS LEFT OPEN  
80 mm 4 THERMAL INSULATION PAROC GRS 20  
100 mm 5 THERMAL INSULATION PAROC COS 5