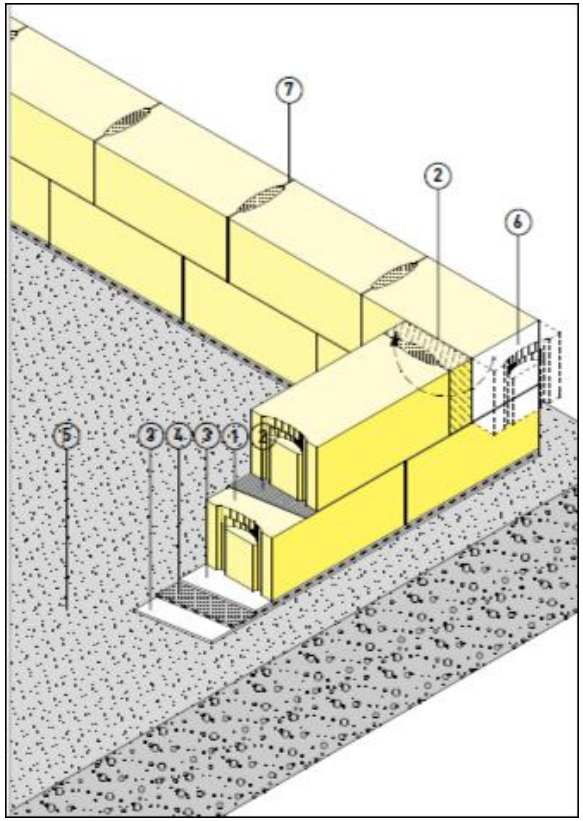
Ten builders

GAZBETON – Building materials

GAZBETON AAC BLOCK DETAILS

GAZBETON AAC BLOCKS

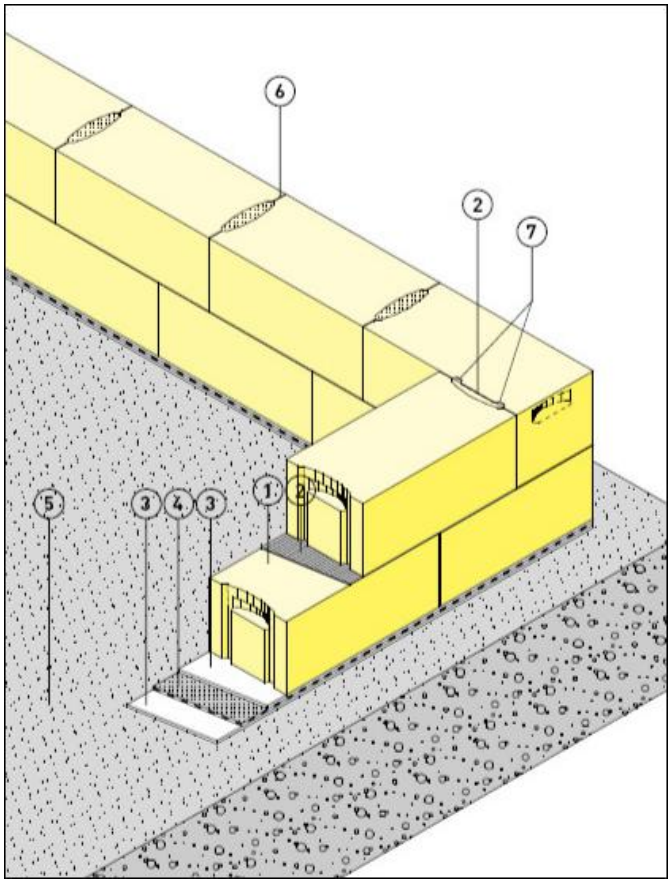
WITH ERGONOMICAL GRIPS – Instruction for use – B 4.1.1a



1. GAZBETON AAC blocks – T&G + ergonomically grips
2. GAZBETON AAC fix - thin joint mortar
3. Mortar
4. DPC
5. Foundation
6. Cut corner block – the cutting section with grips can be used elsewhere
7. Vertical joint – no bonding with thin bed mortar by tongued and grooved blocks (approved by Eurocode 6)

GAZBETON AAC BLOCKS

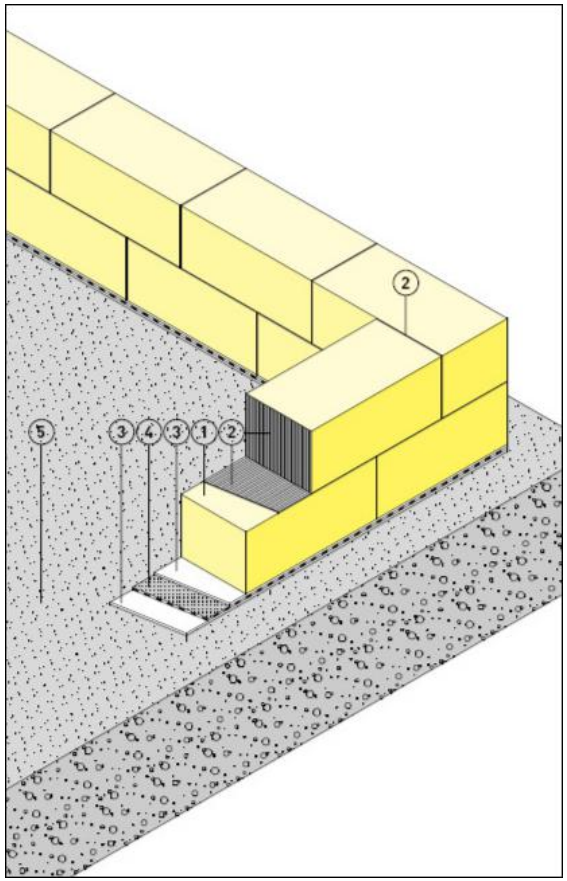
WITH ERGONOMICAL GRIPS – Instruction for use – B 4.1.1b



1. GAZBETON AAC blocks T&G + ergonomically grips
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Mortar
4. DPC
5. Foundation
6. Vertical joint – no bonding with glue by tongued and grooved blocks (approved by Eurocode 6)
7. Remove the tongue

GAZBETON AAC BLOCKS

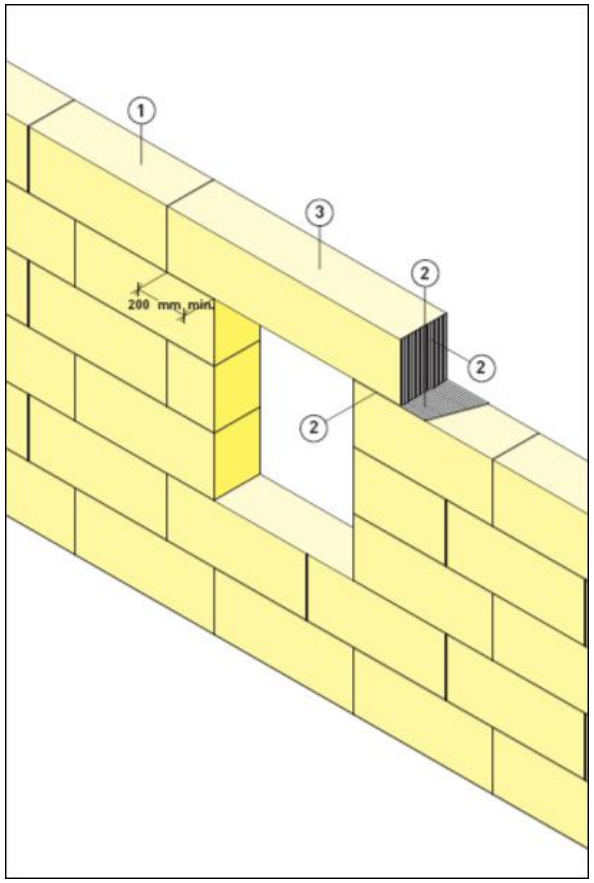
SMOOTH GAZBETON AAC BLOCKS – Instruction for use – B 4.1.2



1. Smooth GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Mortar
4. DPC
5. Foundation

LINTELS

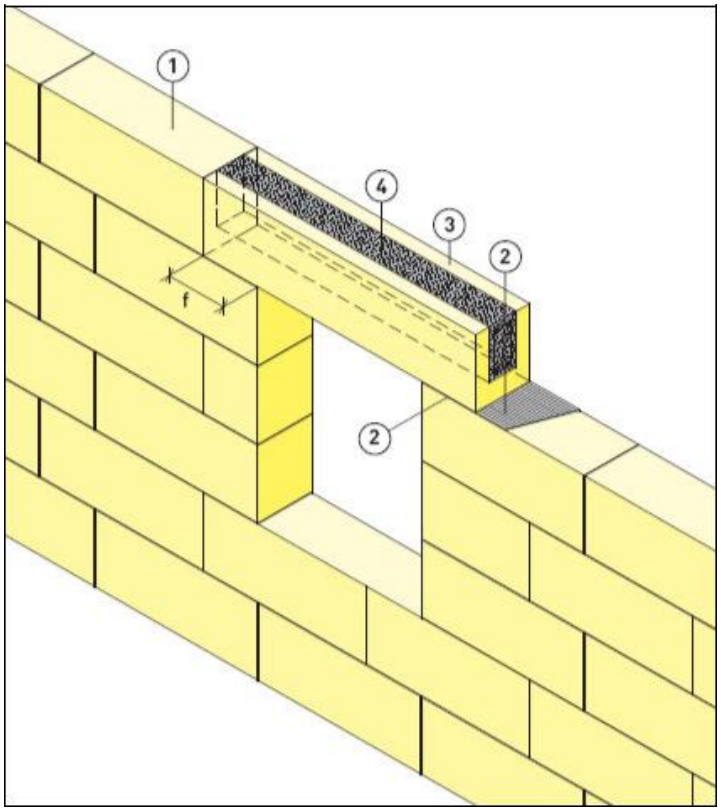
GAZBETON AAC LINTEL – Instruction for use – B 4.3.1



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC lintel

LINTELS

GAZBETON AAC U-LINTEL – Instruction for use – B 4.3.2a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. Reinforced concrete

LINTELS

GAZBETON AACU-LINTEL – Instruction for use – B 4.3.2a

Sizes:

a. Available length: 2 m – 6 m
Width: 175 – 200 –240 –300 – 365 mm

b. 250 mm

c. Height of the required concrete beam to be calculated by structural engineer

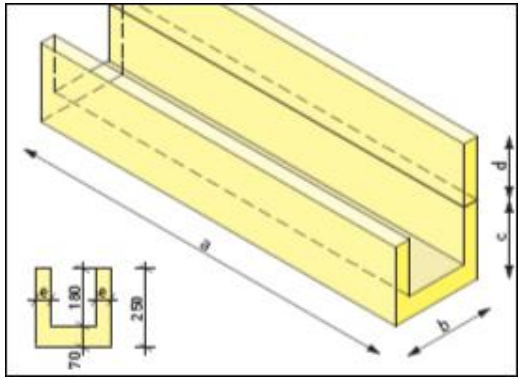
d. 50 – if b = 175 – 200 –240

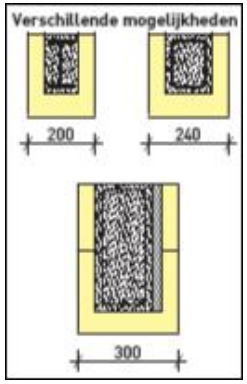
55 – if b = 300

62.5 – if b = 365

f. Bearing U-lintel (to be calculated by structural engineer)

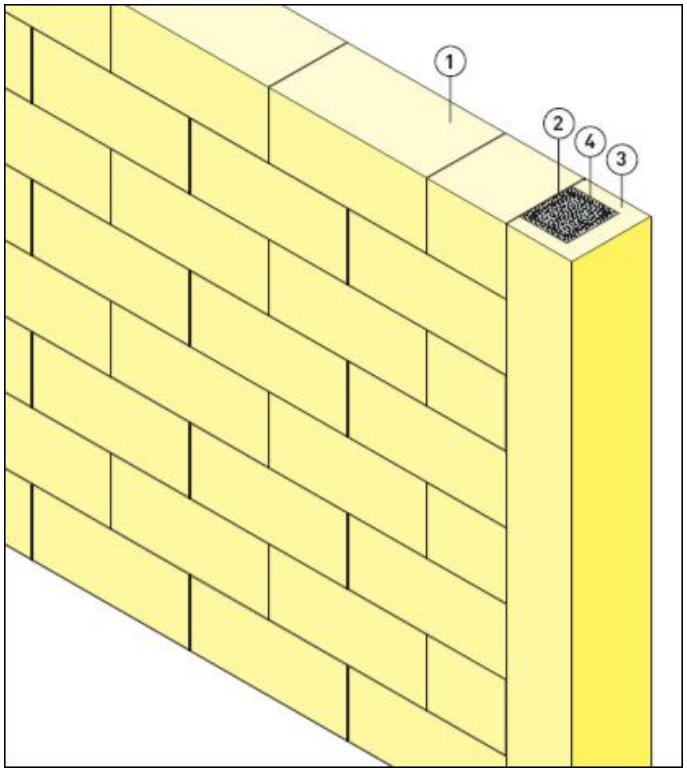
* Approved by Eurocode 6



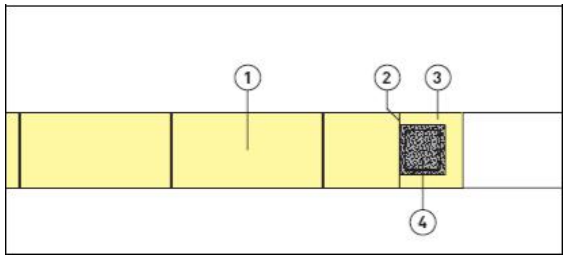


LINTELS

GAZBETON AAC U-LINTEL – used as column - B 4.3.2b

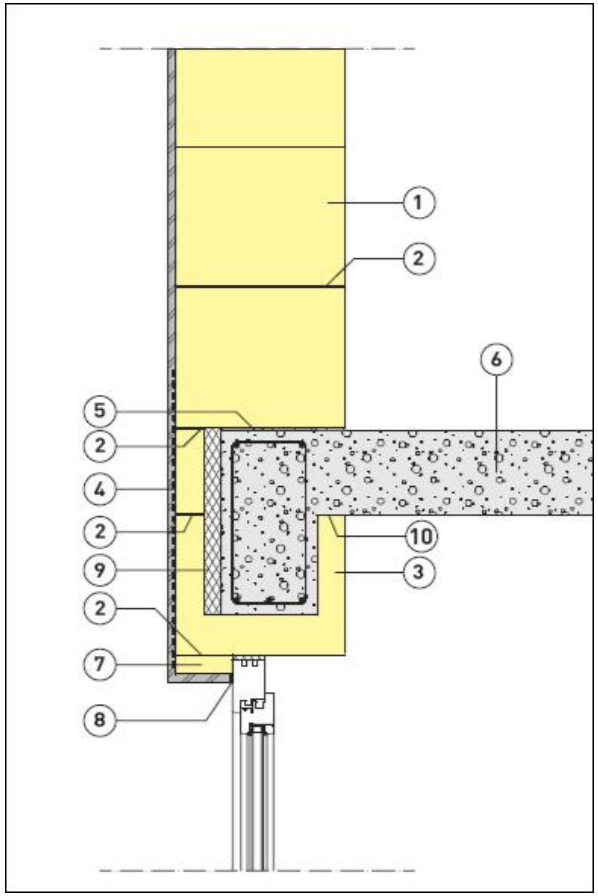


1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. Reinforced concrete



LINTELS

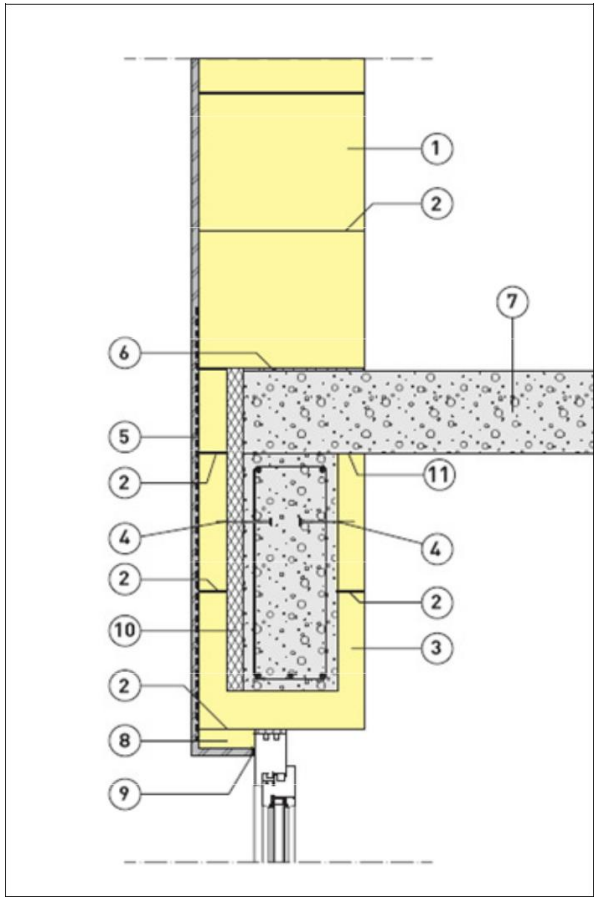
GAZBETON AAC U-LINTEL – connection with concrete floor slab / ceiling – B 4.3.2c



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. Reinforcing mesh
5. Mortar
6. Concrete floor / ceiling
7. GAZBETON AAC block – to be cut on site and glued to lintel
8. Elastic joint
9. Insulation
10. Soft joint

LINTELS

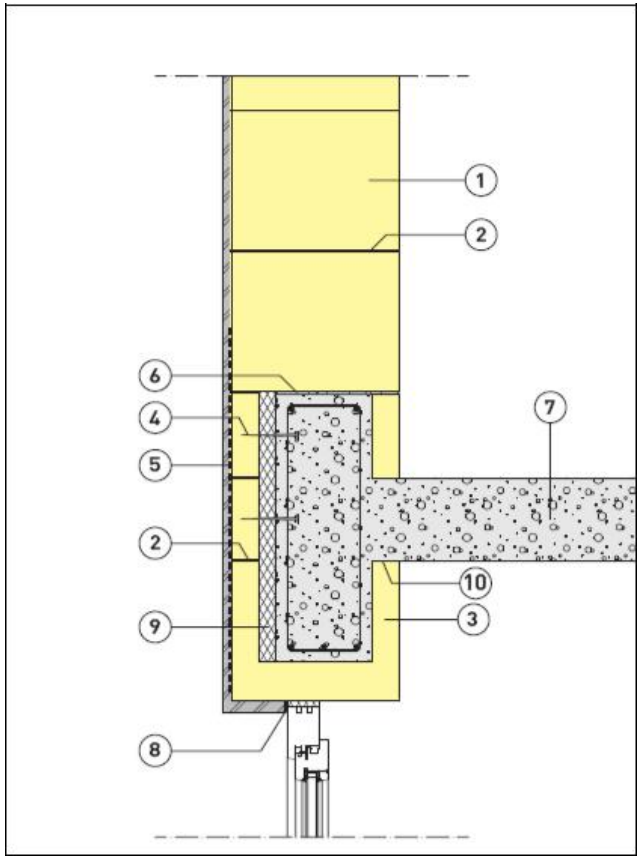
GAZBETON AAC U-LINTEL – connection with concrete floor slab / ceiling – B 4.3.2d



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. Gun Nebo nail
5. Reinforcing mesh
6. Mortar
7. Concrete floor / ceiling
8. GAZBETON AAC block – to be cut on site and glued to lintel
9. Elastic joint
10. Insulation
11. Soft joint

LINTELS

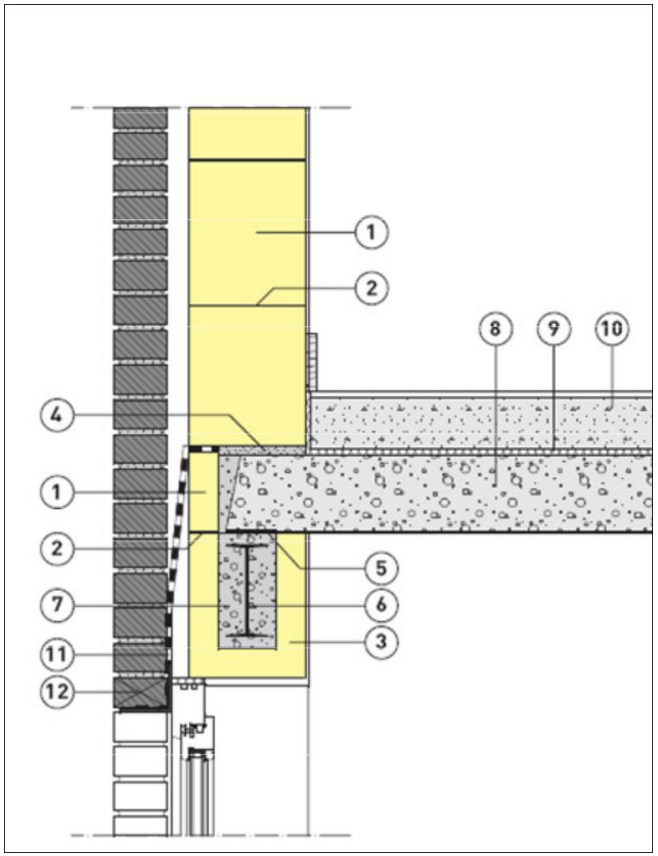
GAZBETON AAC U-LINTEL – connection with concrete floor slab / ceiling – B 4.3.2e



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. Gun Nebo nail
5. Reinforcing mesh
6. Mortar
7. Concrete floor / ceiling
8. Elastic joint
9. Insulation
10. Soft joint

LINTELS

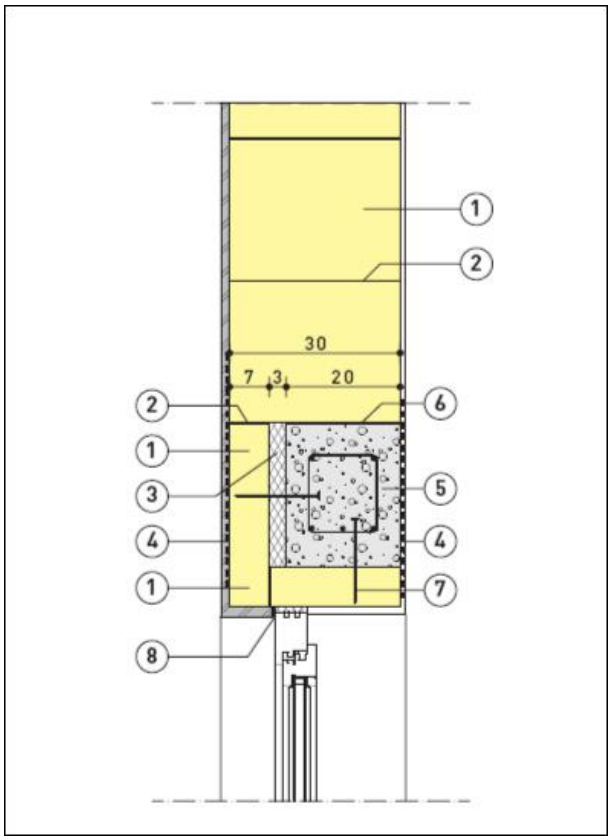
GAZBETON AAC U-LINTEL – Detail bearing of ceiling on GAZBETON AAC U-lintel – B 4.3.2f



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. Mortar
5. Roofing or neoprene >4mm
6. Steel beam
7. Concrete
8. Concrete ceiling
9. Sound insulation
10. Floor screed
11. DPC
12. Open perpend

LINTELS

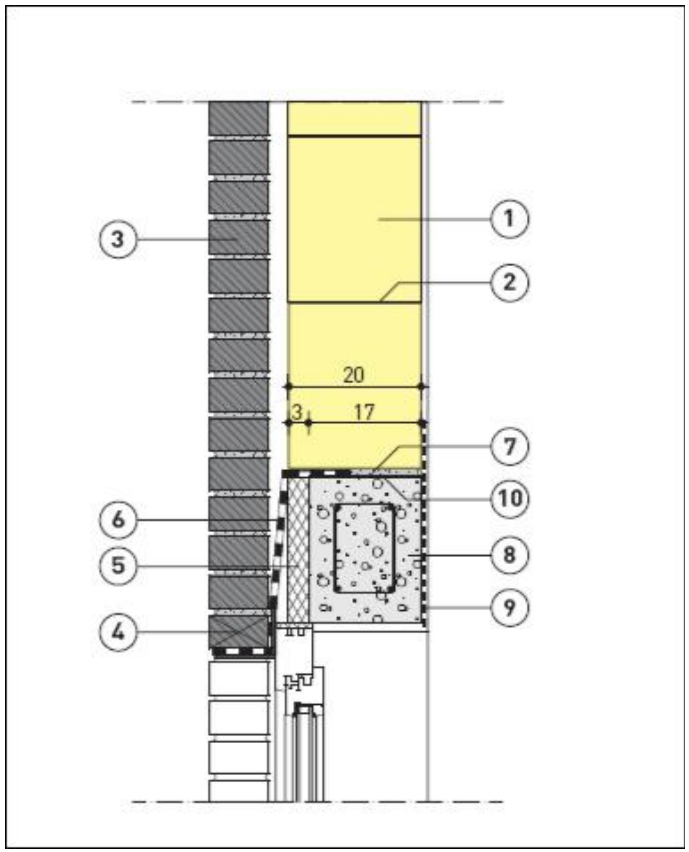
OTHER LINTELS – Solid wall: concrete lintel – B 4.3.3a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Thermal insulation
4. Reinforcing mesh
5. Concrete lintel
6. Polyethylene foil
7. Gunnebo- or aluminium -nail
8. Expansion joint

LINTELS

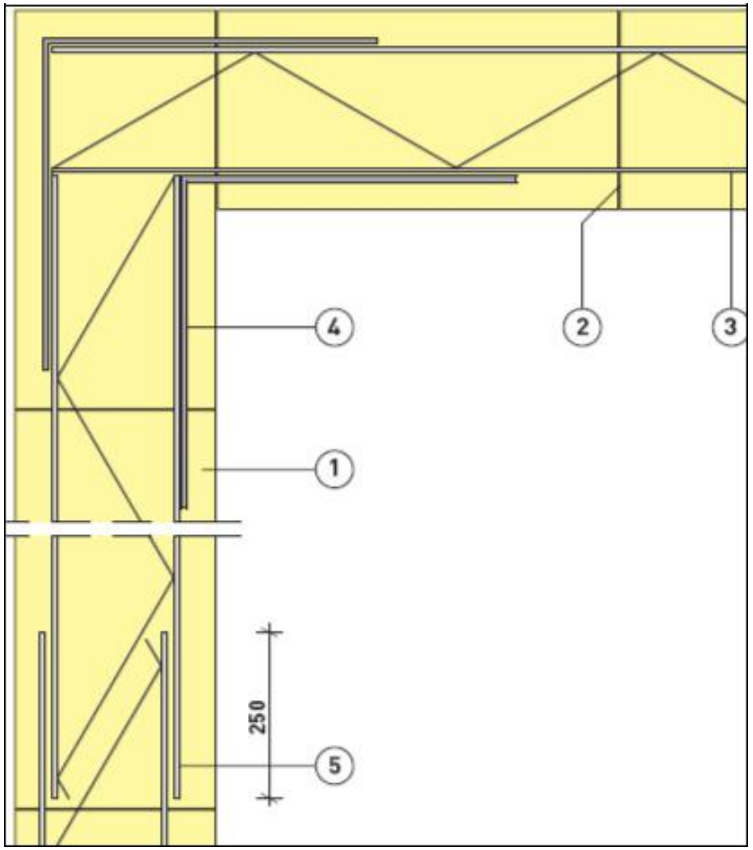
OTHER LINTELS – cavity wall: concrete lintel – B 4.3.3b



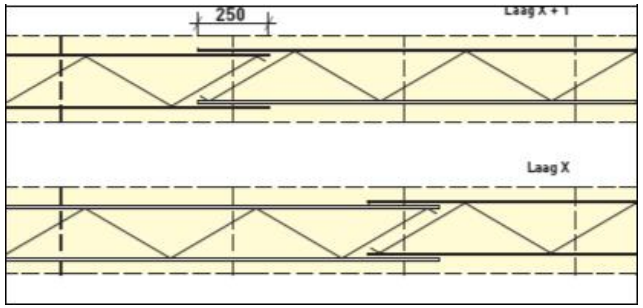
1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Brick
4. Open perpend
5. Thermal insulation
6. DPC
7. Mortar
8. Concrete lintel
9. Reinforcing mesh
10. Polyethylene foil

MURFOR

MURFOR REINFORCEMENT – Instruction for use – B 4.4.1

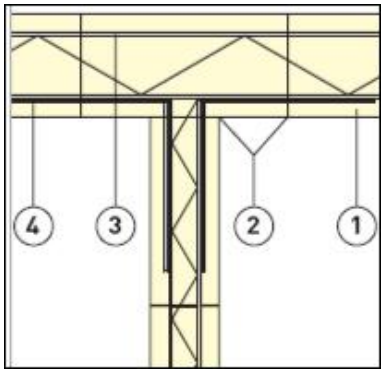


1. GAZBETON AAC wall
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Murfor EFS/Z
4. Murfor corner piece
5. Lapping min. 250mm (approved by Eurocode 6)

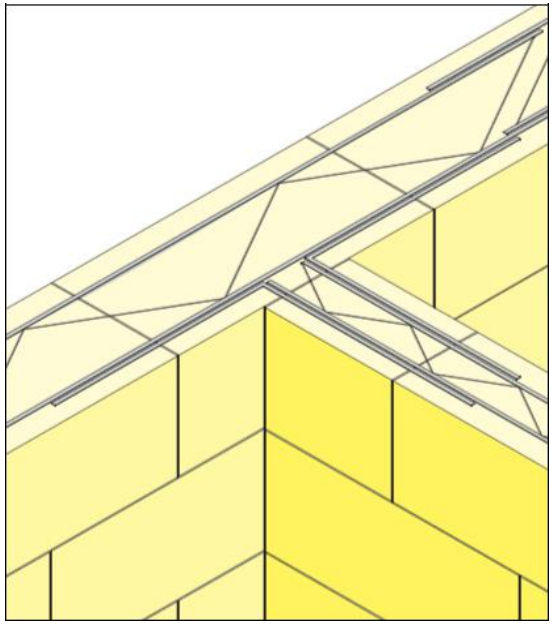


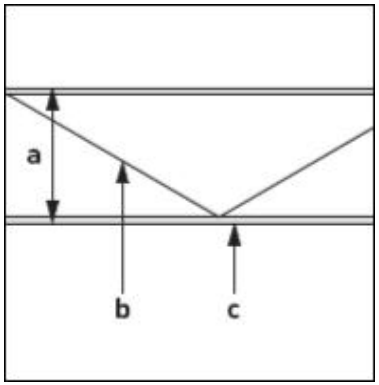
MURFOR

WALL CONNECTION – Instruction for use – B 4.4.2



1. GAZBETON AAC wall
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Murfor EFS/Z
4. Murfor corner piece





Sizes:

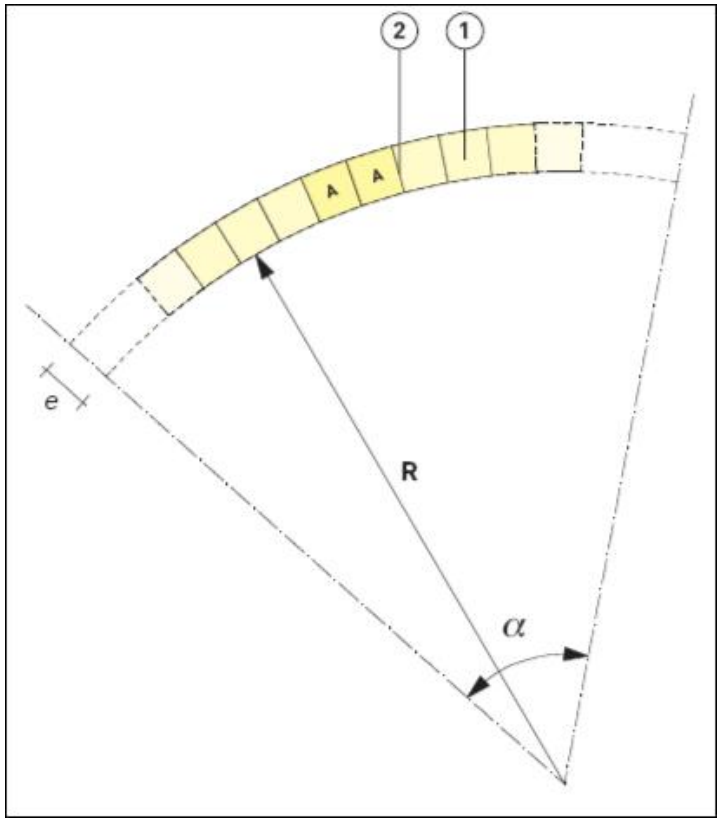
a. 40 mm, 90 mm, 140 mm, 190 mm

b. Diameter 1.5 mm

c. 8 mm x 1.5 mm

AROUND WALL

Cut principle – B 4.6.1

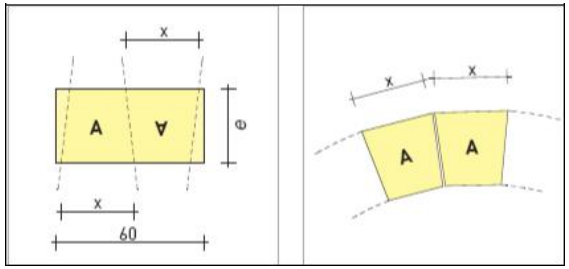


1. GAZBETON AAC blocks - cut with band-saw
2. GLUE / GAZBETON AAC fix - thin joint mortar

α Angle

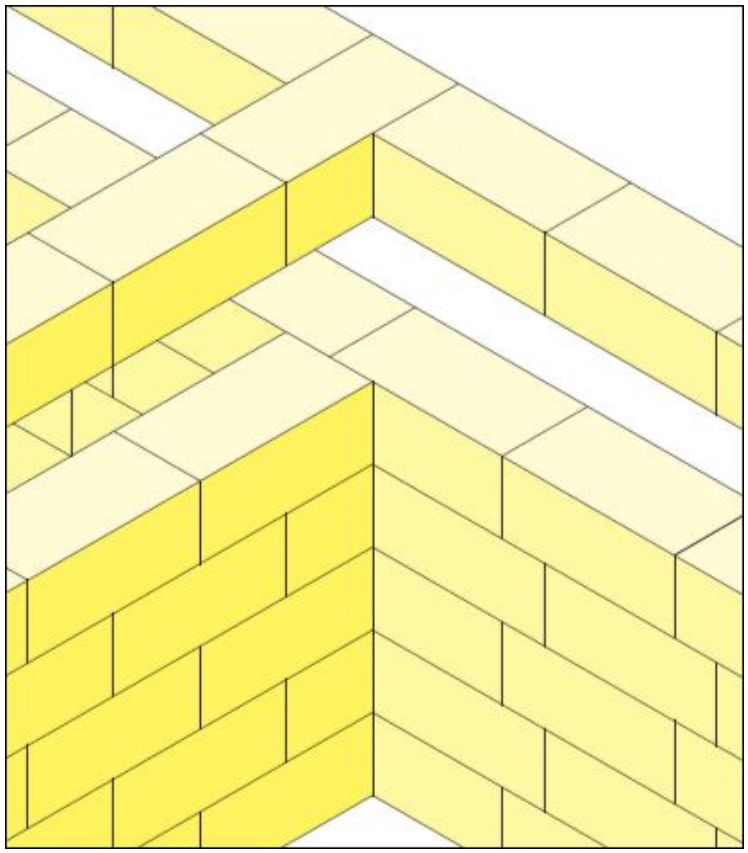
e Block thickness

R Internal radius



WALL CONNECTION

Load-bearing walls – B 4.8.2a



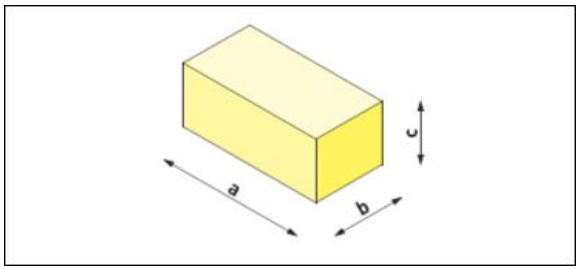
PROPERTIES OF THE BLOCK

Dimensions:

a. 600mm

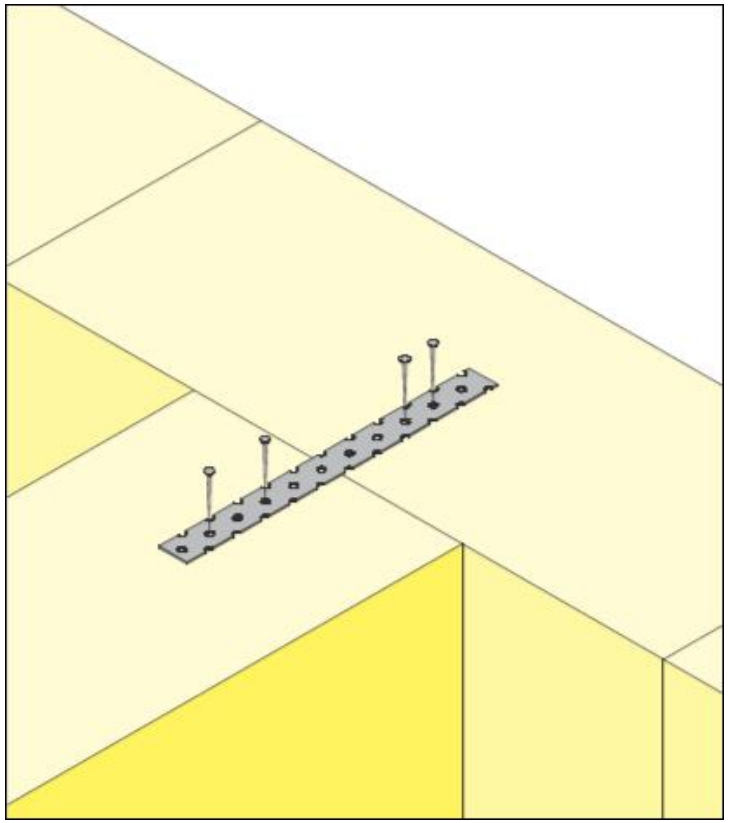
b. Thickness 150, 175, 200, 240, 300 and 365 mm

c. 250mm

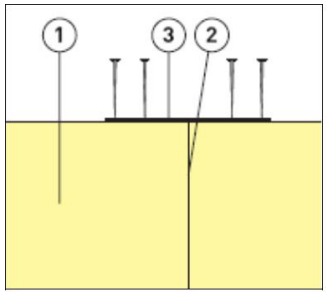


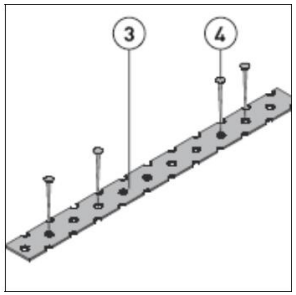
WALL CONNECTION

Load-bearing walls – B 4.8.2b



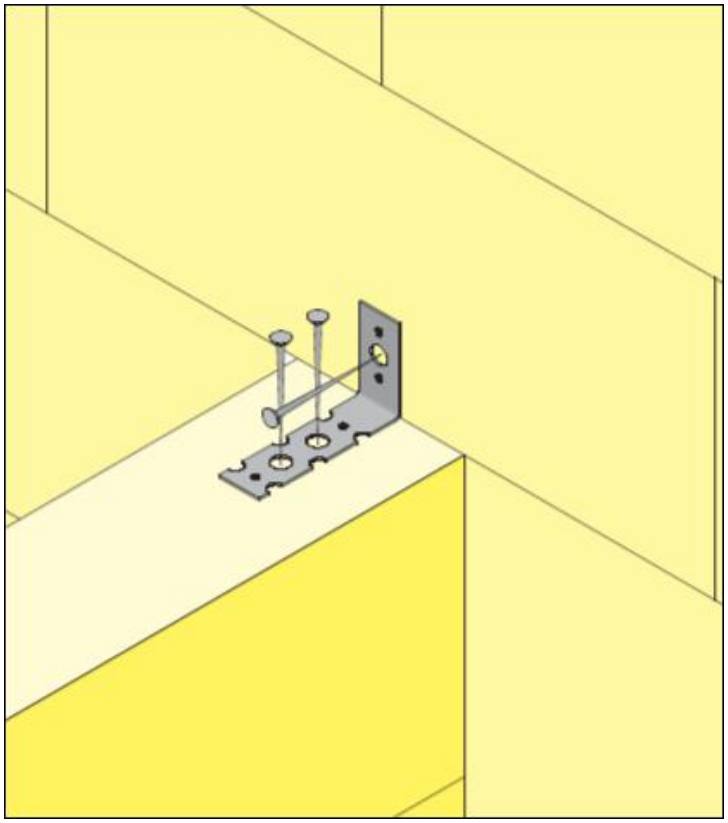
1. GAZBETON AAC wall
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Coupling strips
4. Gunnebo nail



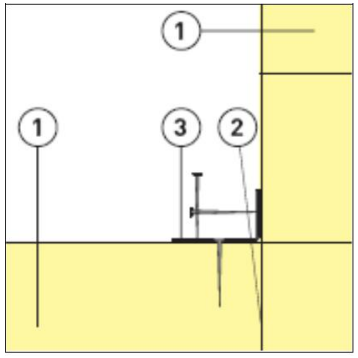


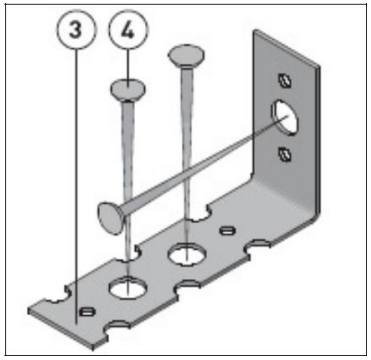
WALL CONNECTION

Load-bearing walls with non-load-bearing wall – B 4.8.3a



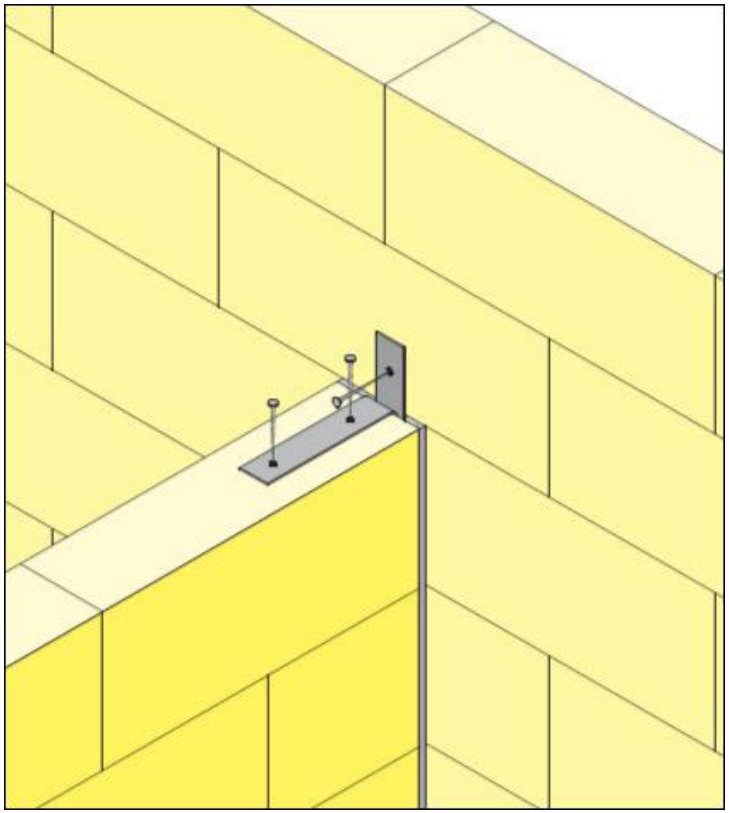
1. GAZBETON AAC wall
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. L - anchor
4. Gunnebo nail



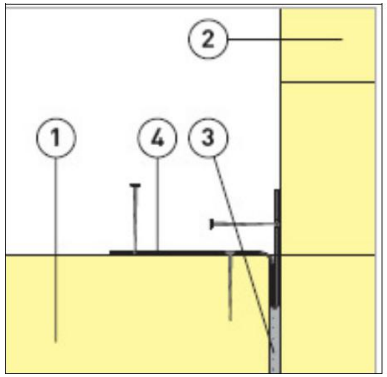


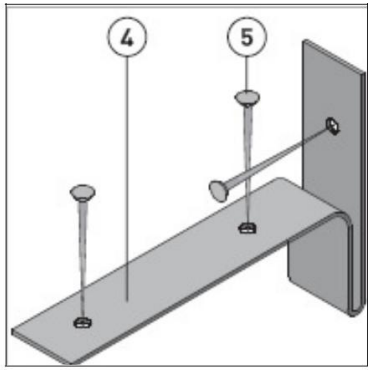
WALL CONNECTION

Load-bearing walls with non-load-bearing wall – B 4.8.3b



1. GAZBETON AAC wall
2. GAZBETON AAC wall or wall of other material
3. Polyurethane foam
4. Resilient anchor – “Veeranker”
5. Gunnebo nail



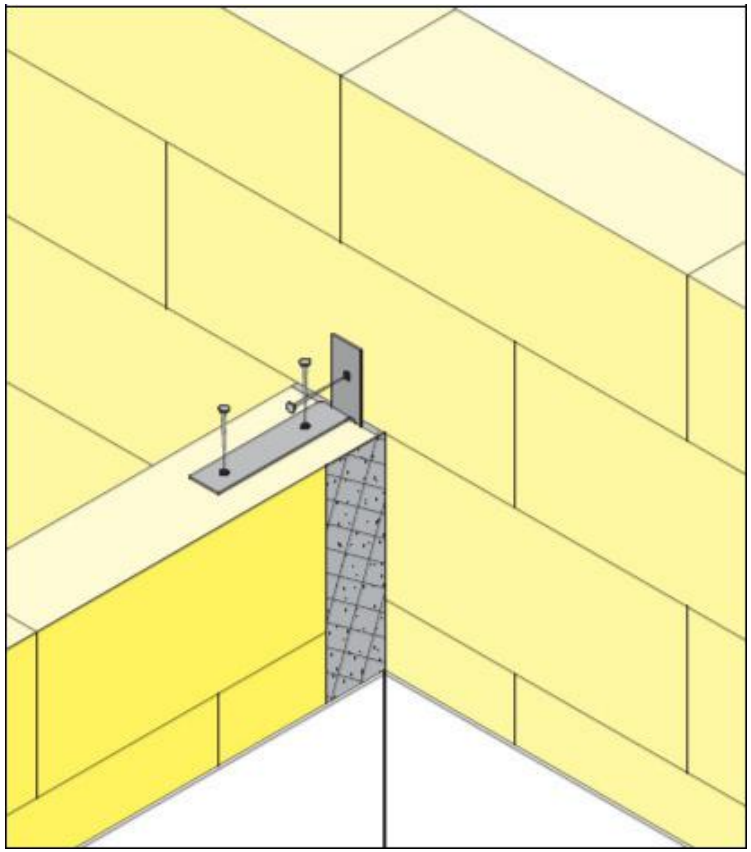


GAZBETON AAC BLOCK: Technical details

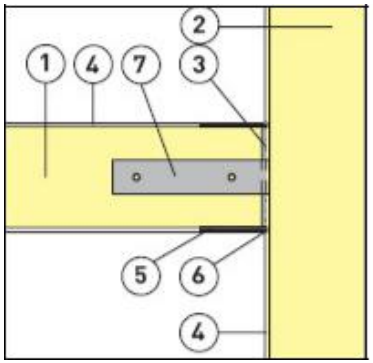
GAZBETON AAC: Technical details

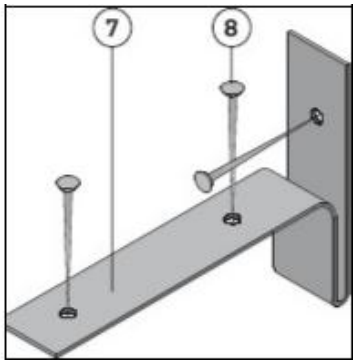
WALL CONNECTION

Load-bearing walls with non-load-bearing wall free movement allowed – B 4.8.3b



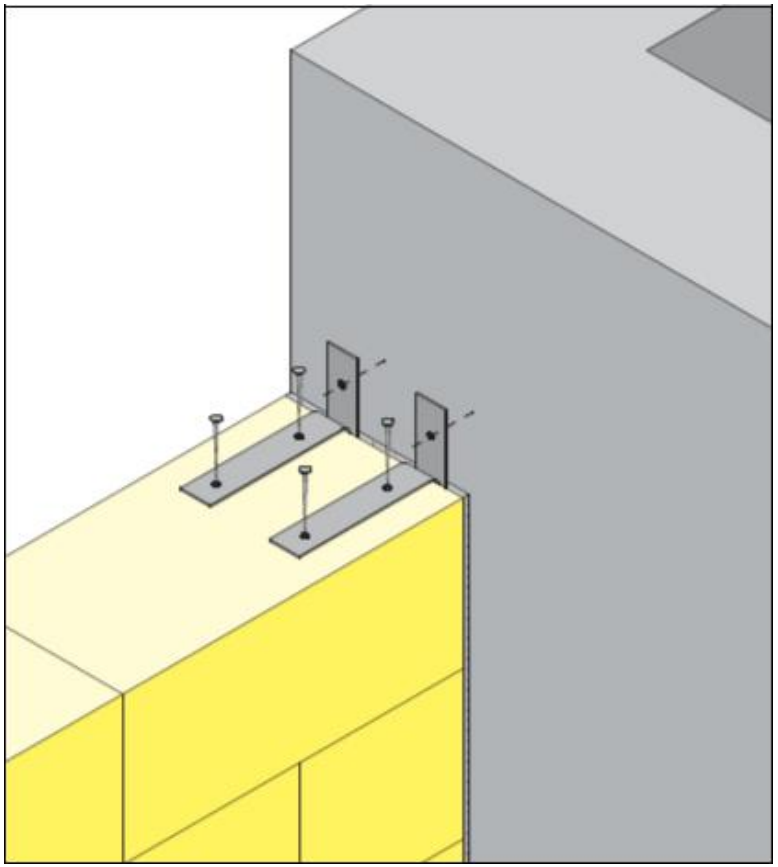
1. GAZBETON AAC wall
2. GAZBETON AAC wall or wall of other material
3. Polyurethane foam
4. Finish
5. Glass fiber mesh
6. Cut into plaster
7. Resilient anchor – “Veeranker”
8. Gunnebo nail



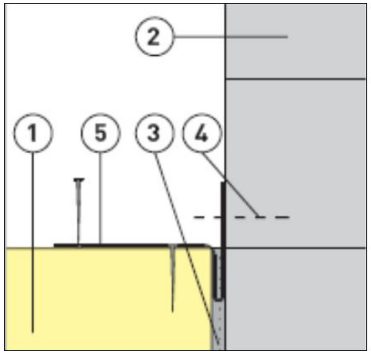


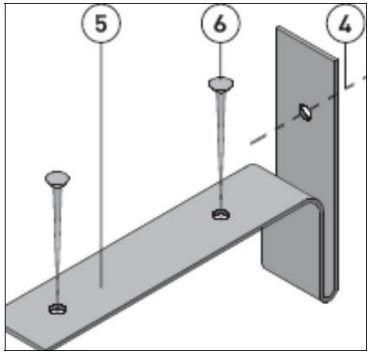
WALL CONNECTION

New GAZBETON AAC wall to existing wall – B 4.8.4



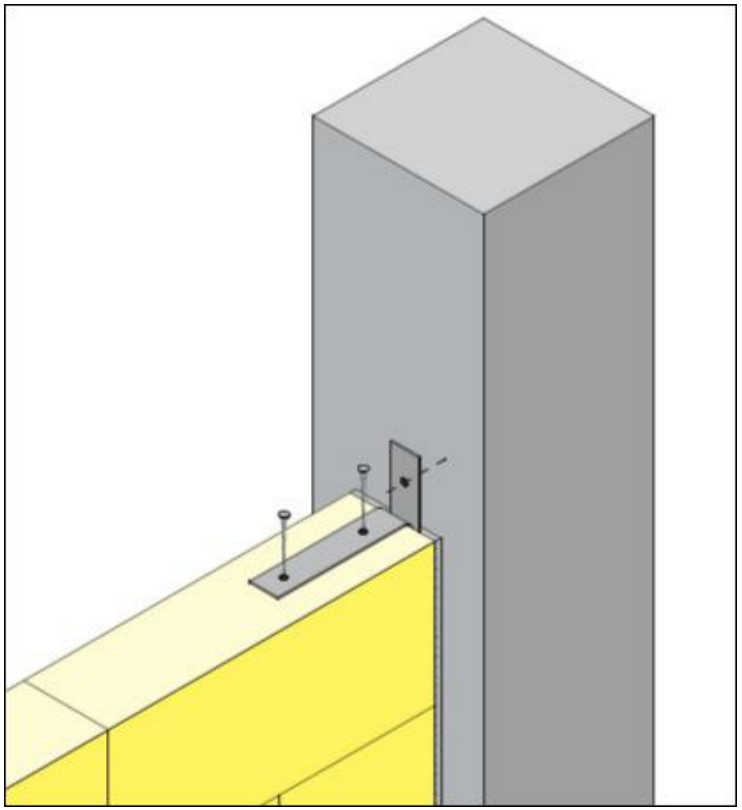
1. GAZBETON AAC wall
2. Existing wall
3. Polyurethane foam
4. Fixed to existing wall
5. Resilient anchor – “Veeranker”
6. Gunnebo nail



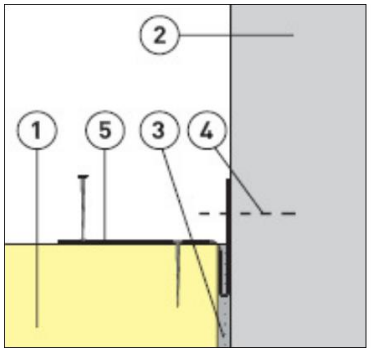


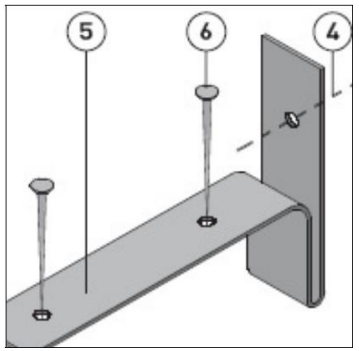
WALL CONNECTION / COLUMN

GAZBETON AAC wall to a column – B 4.8.5



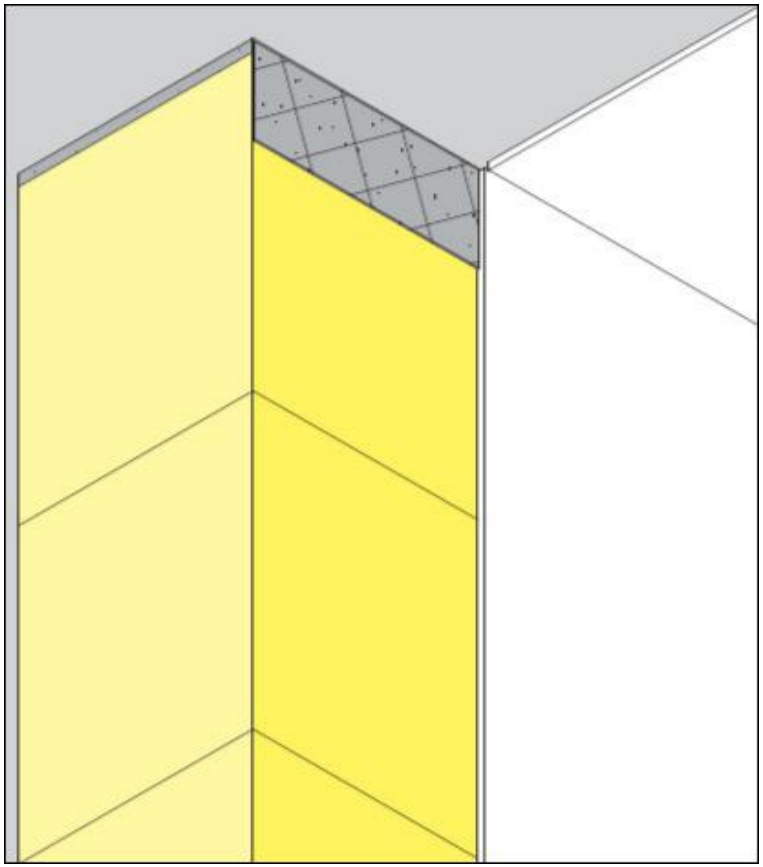
1. GAZBETON AAC wall
2. Concrete column
3. Polyurethane foam
4. Fixed to column
5. Resilient anchor – “Veeranker”
6. Gunnebo nail



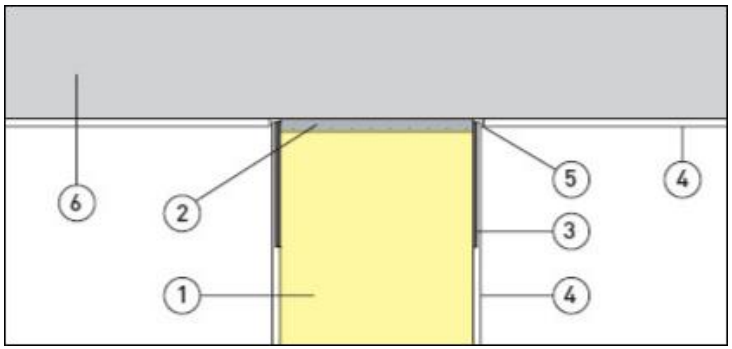


WALL CONNECTIONS / CEILING

Load-bearing wall to a ceiling – B 4.8.6a

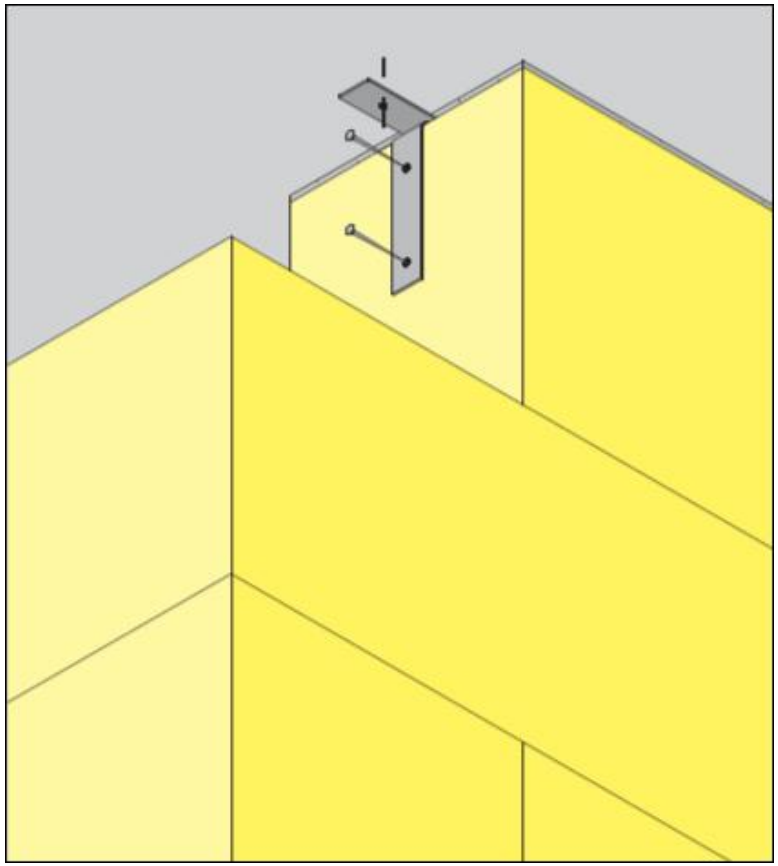


1. GAZBETON AAC wall
2. Polyurethane foam
3. Glass fiber mesh
4. Finish
5. Cut into finish
6. Ceiling

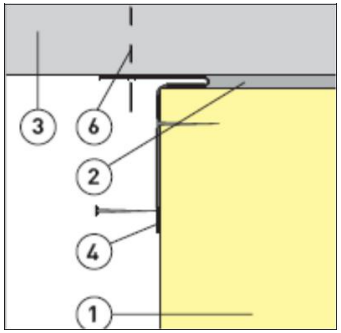


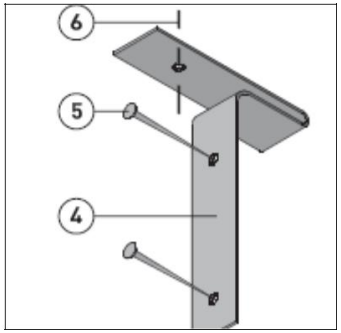
WALL CONNECTIONS / CEILING

Non-bearing wall to a ceiling – B 4.8.6b



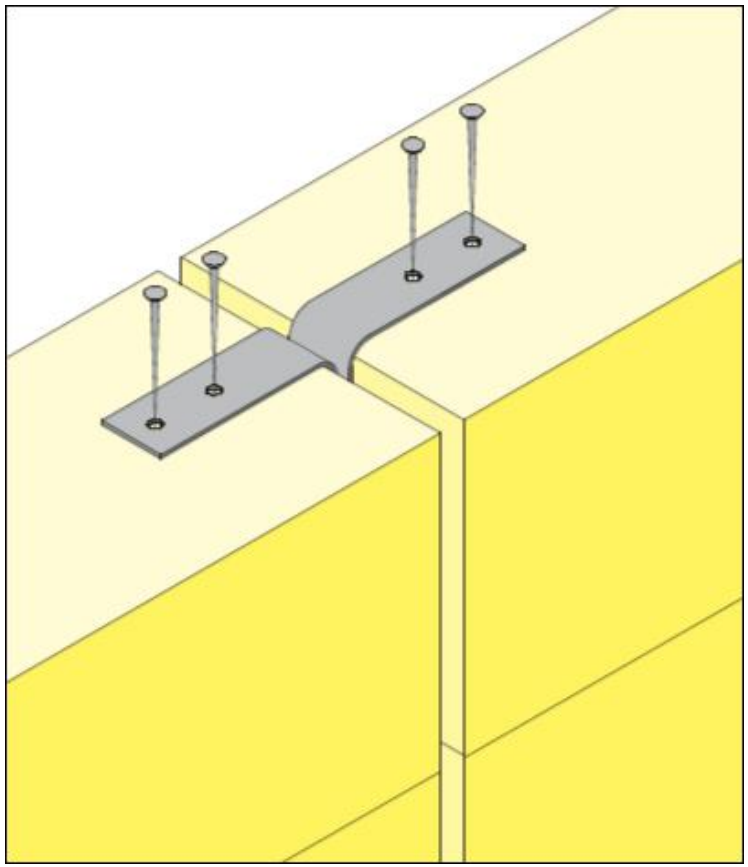
1. GAZBETON AAC wall
2. Polyurethane foam
3. Ceiling
4. Resilient anchor – “Veeranker”
5. Gunnebo nail
6. Fixed to ceiling



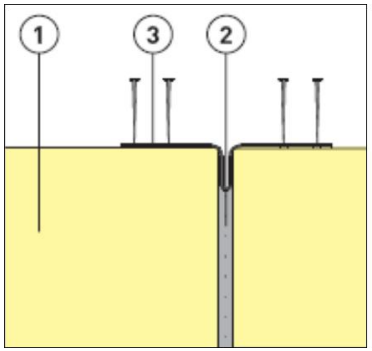


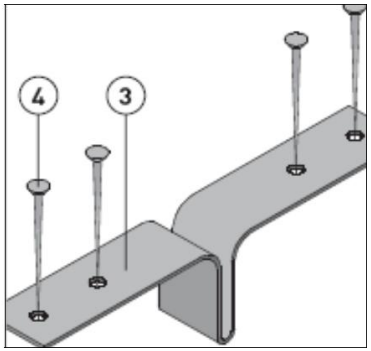
EXPANSION JOINTS

with dilatation anchors – B 4.8.7



1. GAZBETON AAC wall
2. Polyurethane foam
3. Dilatation anchor
4. Gunnebo nail





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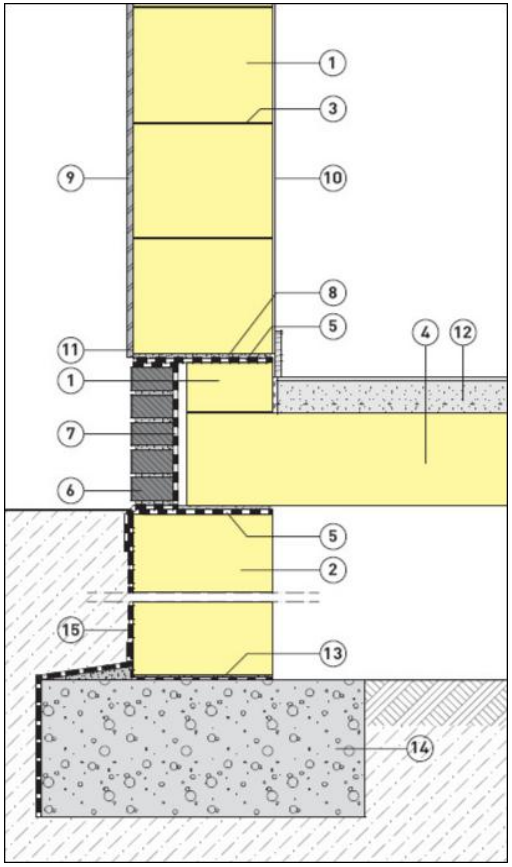
WALL/FOUNDATION

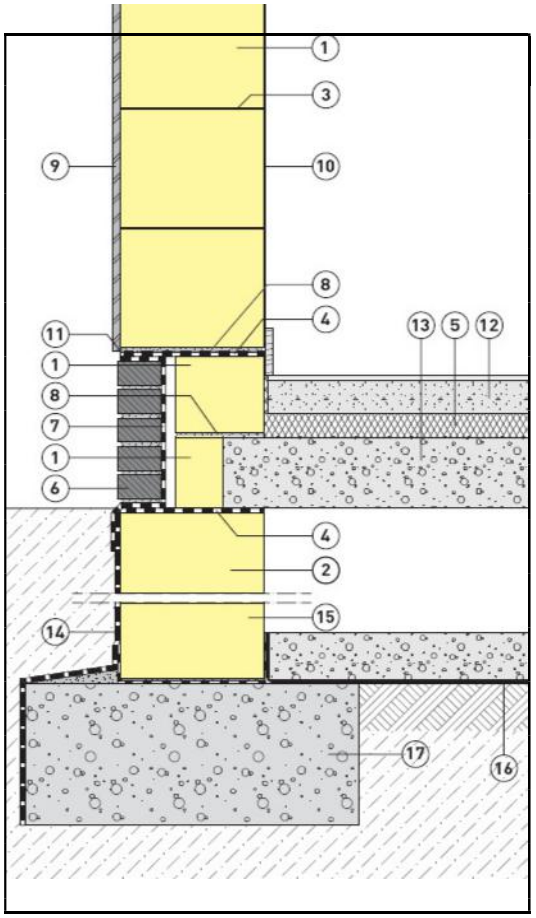
GAZBETON AAC wall on HEBEL floor above ventilated void – B 4.9.2a



1. GAZBETON AAC blocks – density C3/450
2. GAZBETON AAC blocks – density C5/650
3. GLUE / GAZBETON AAC fix - thin joint mortar
4. HEBEL AAC floor panels
5. DPC
6. Brick
7. Waterproofing
8. Mortar
9. Render only
10. Plaster
11. Stop bead
12. Cement screed
13. DPC
14. Foundation
15. Protection and DPC

WALL/FOUNDATION

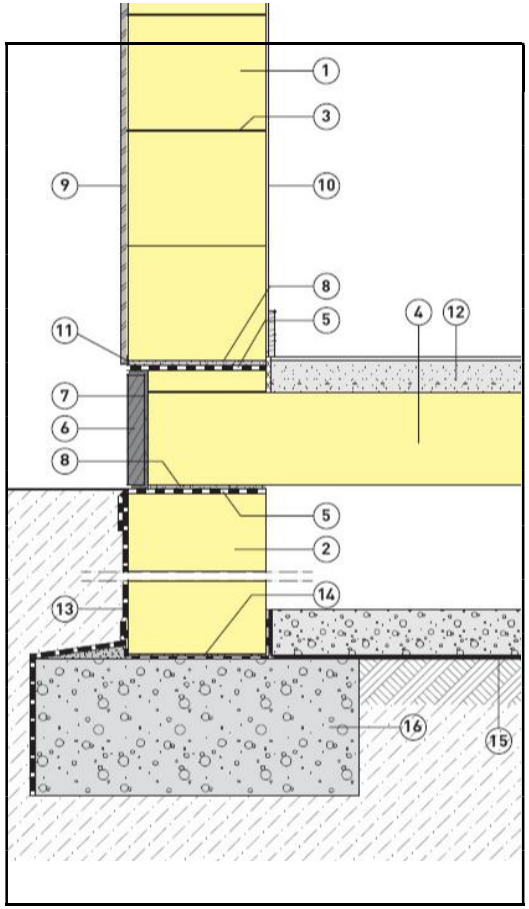
GAZBETON AAC wall on concrete floor above cellar – B 4.9.2b



1. GAZBETON AAC blocks – density C3/450
2. GAZBETON AAC blocks – density C5/650
3. GLUE / GAZBETON AAC fix - thin joint mortar
4. DPC
5. Thermal insulation
6. Brick
7. Waterproofing
8. Mortar
9. Render only
10. Plaster
11. Stop bead
12. Cement screed
13. Concrete floor
14. Protection and DPC
15. Waterproofing
16. DPC
17. Foundation

WALL/FOUNDATION

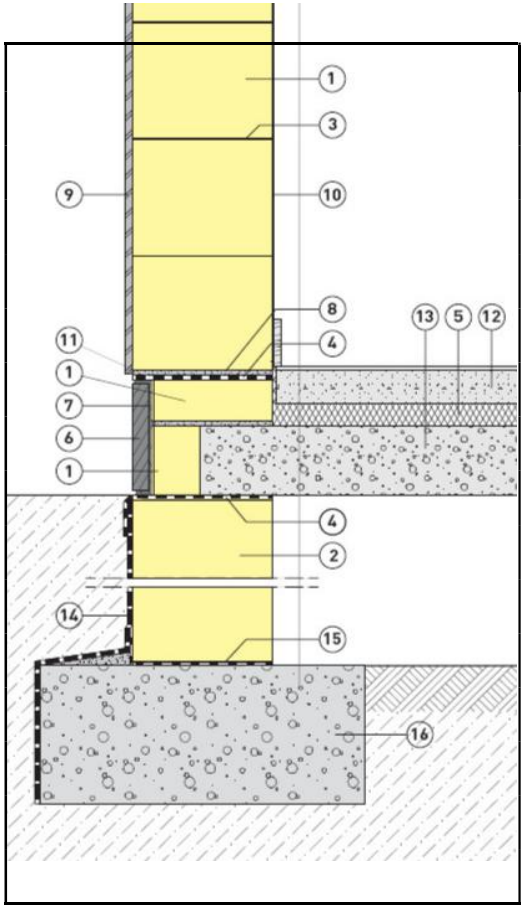
GAZBETON AAC wall on HEBEL floor above cellar – B 4.9.2



1. GAZBETON AAC blocks – density C3/450
2. GAZBETON AAC blocks – density C5/650
3. GLUE / GAZBETON AAC fix - thin joint mortar
4. HEBEL AAC floor panels
5. DPC
6. Blue engineering brick
7. Waterproof mortar
8. Mortar
9. Render only
10. Plaster
11. Stop bead
12. Cement screed
13. Protection and DPC
14. DPC
15. DPC
16. Foundation

WALL/FOUNDATION

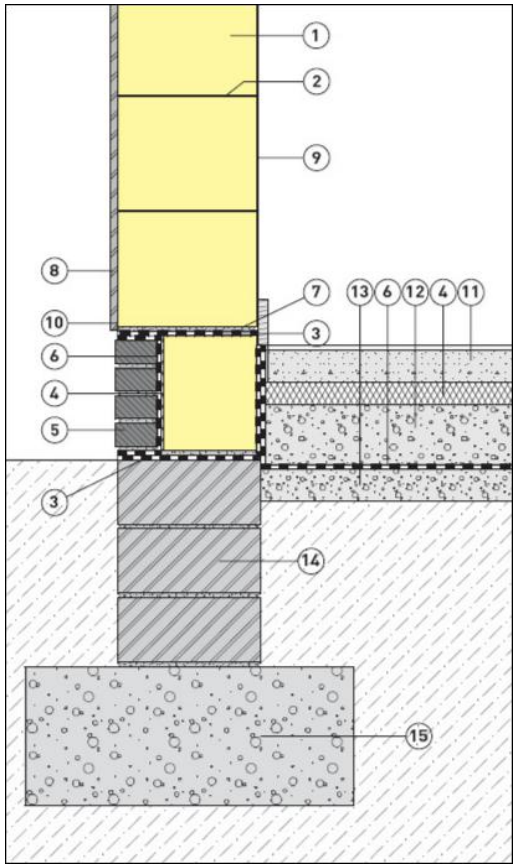
GAZBETON AAC wall on concrete floor above ventilated void – B 4.9.2d



1. GAZBETON AAC blocks – density C3/450
2. GAZBETON AAC blocks – density C5/650
3. GLUE / GAZBETON AAC fix - thin joint mortar
4. DPC
5. Thermal insulation
6. Blue engineering brick
7. Waterproof mortar
8. Mortar
9. Render only
10. Plaster
11. Stop bead
12. Cement screed
13. Floor in concrete
14. Protection and DPC
15. DPC
16. Foundation

WALL/FOUNDATION

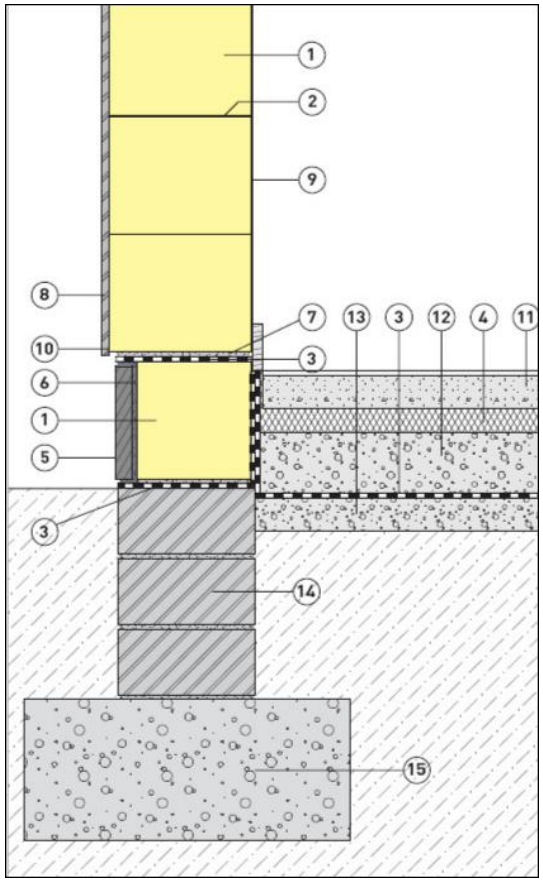
Solid external GAZBETON AAC wall – B 4.9.3a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. DPC
4. Thermal insulation
5. Brick or concrete
6. DPC
7. Mortar
8. Render only
9. Plaster
10. Stop bead
11. Cement screed
12. Floor in concrete
13. Base course
14. Foundation wall
15. Foundation

WALL/FOUNDATION

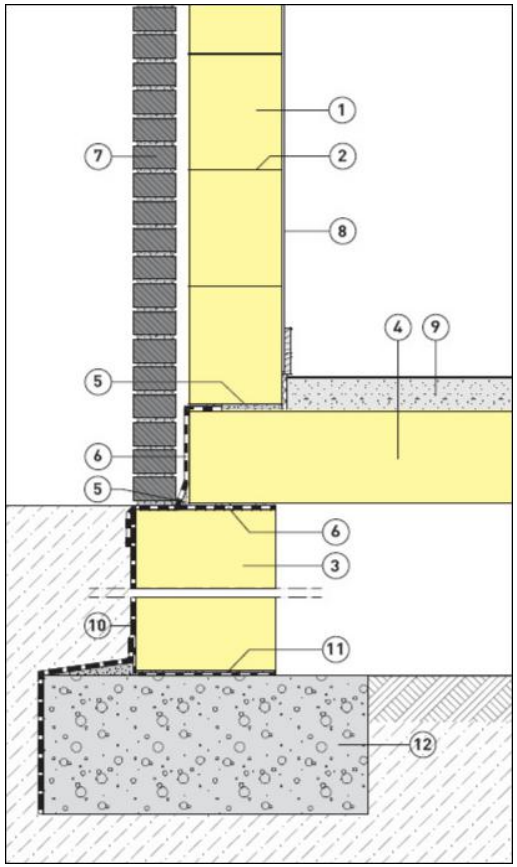
GAZBETON AAC wall /concrete floor on ground – B 4.9.3b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. DPC
4. Thermal insulation
5. Blue engineering brick
6. Waterproof mortar
7. Mortar
8. Render only
9. Plaster
10. Stop bead
11. Cement screed
12. Concrete floor
13. Base course
14. Foundation wall
15. Foundation

WALL/FOUNDATION

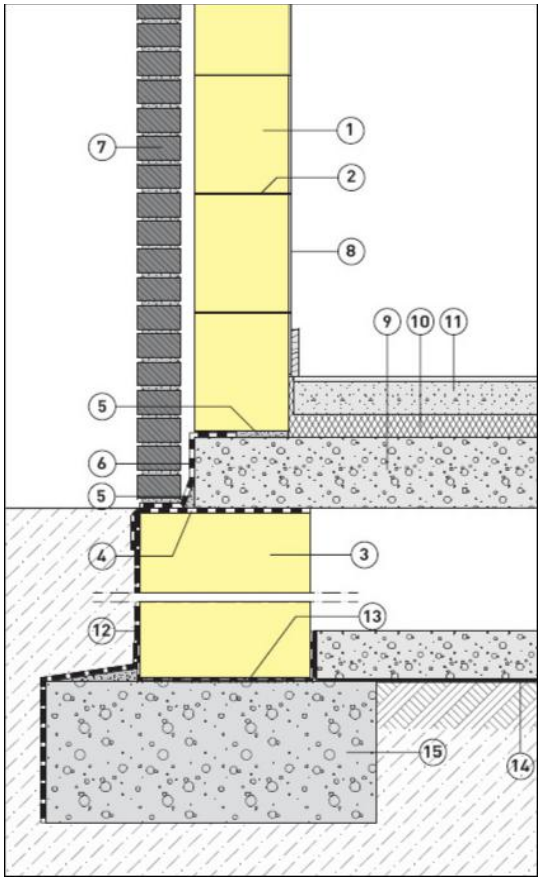
Cavity wall - HEBEL floor above ventilated void – B 4.9.4a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC blocks C5/650
4. HEBEL AAC floor panels
5. Mortar
6. DPC
7. Bricks
8. Plaster
9. Cement screed
10. Protection and DPC
11. Waterproofing
12. Foundation

WALL/FOUNDATION

Cavity wall - concrete floor above cellar – B 4.9.4b

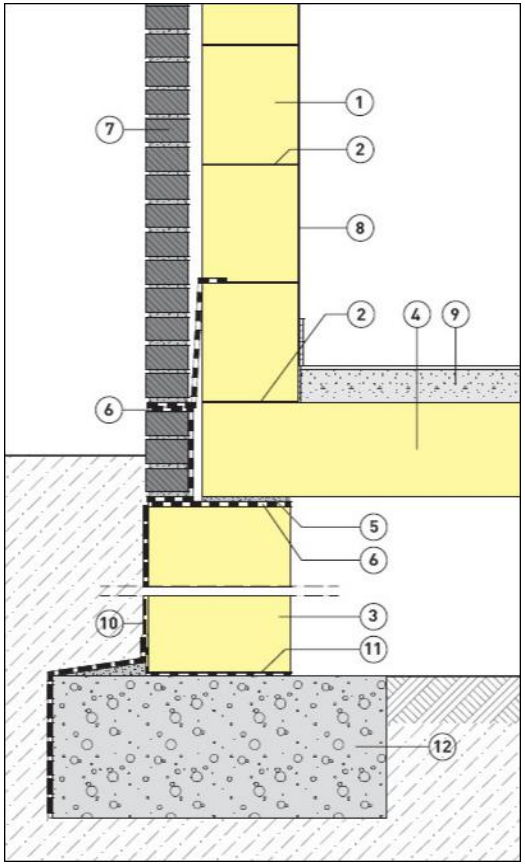


1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC blocks C5/650
4. DPC
5. Mortar
6. DPC
7. Bricks
8. Plaster
9. Concrete screed
10. Thermal insulation
11. Cement floor
12. Protection and DPC
13. Waterproofing
14. DPC
15. Foundation

GAZBETON AAC BLOCK: Technical details

WALL/FOUNDATION

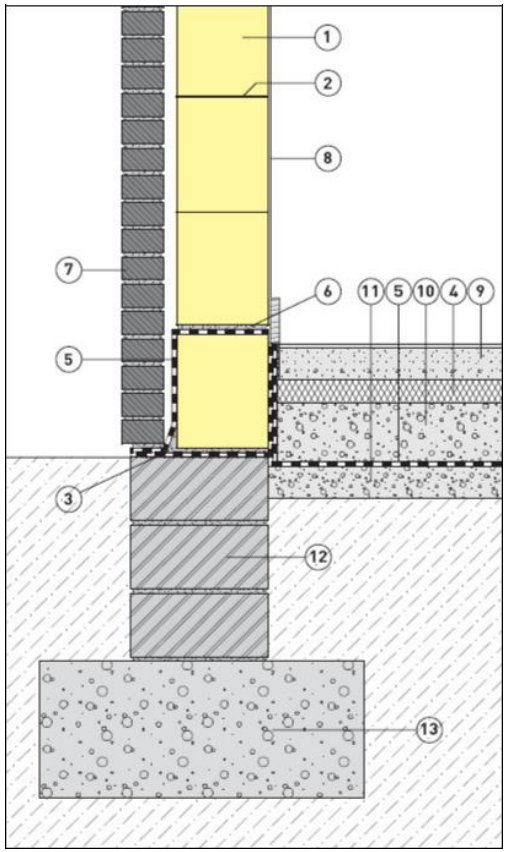
Cavity wall - HEBEL floor above ventilated void – B 4.9.4c



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC blocks C5/650
4. HEBEL AAC floor panels
5. Mortar
6. DPC
7. Bricks
8. Plaster
9. Concrete floor
10. Protection and DPC
11. DPC
12. Foundation

WALL/FOUNDATION

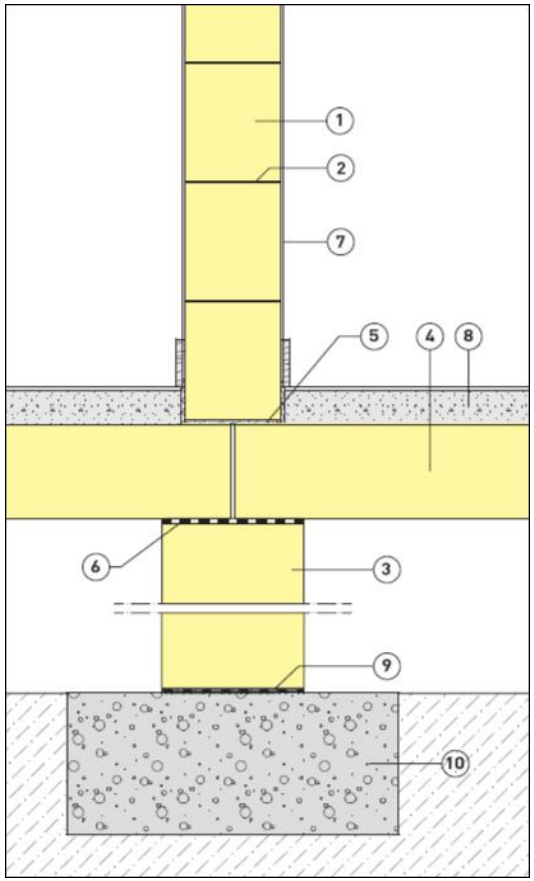
Cavity wall - concrete floor above ground – B 4.9.5



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. DPC
4. Thermal insulation
5. DPC
6. Mortar
7. Bricks
8. Plaster
9. Cement screed
10. Concrete floor
11. Base course
12. Foundation wall
13. Foundation

WALL/FOUNDATION

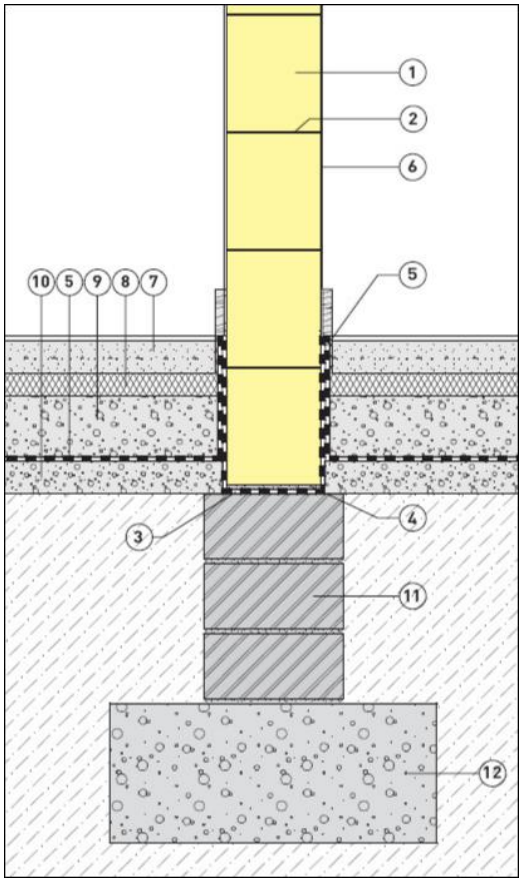
Load-bearing internal GAZBETON AAC wall above cellar or aerated void – B 4.9.6



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC -blocks C5/650
4. HEBEL AAC floor panels
5. Mortar
6. DPC
7. Plaster
8. Cement screed
9. DPC
10. Foundation

WALL/FOUNDATION

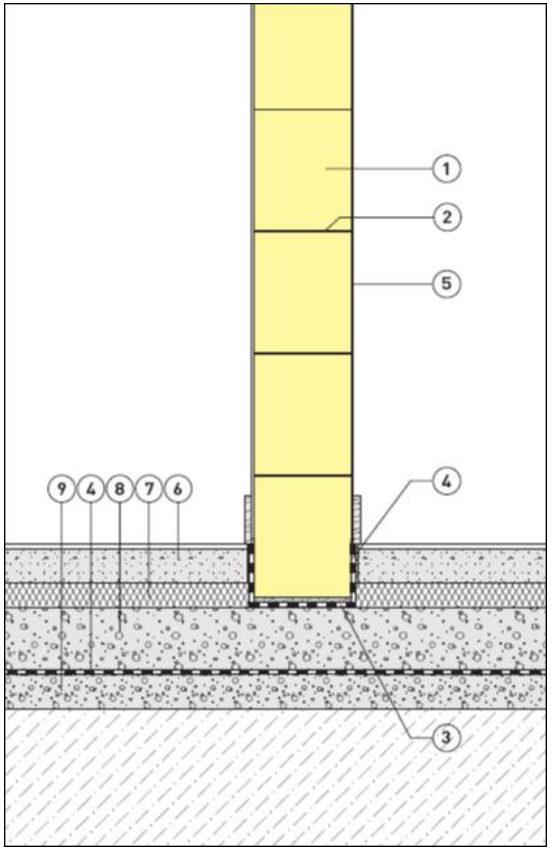
Load-bearing internal GAZBETON AAC wall – B 4.9.7



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. DPC
4. Mortar
5. Waterproofing and DPC
6. Plaster
7. Cement screed
8. Thermal insulation
9. Concrete floor
10. Base course
11. Foundation wall
12. Foundation

WALL/FOUNDATION

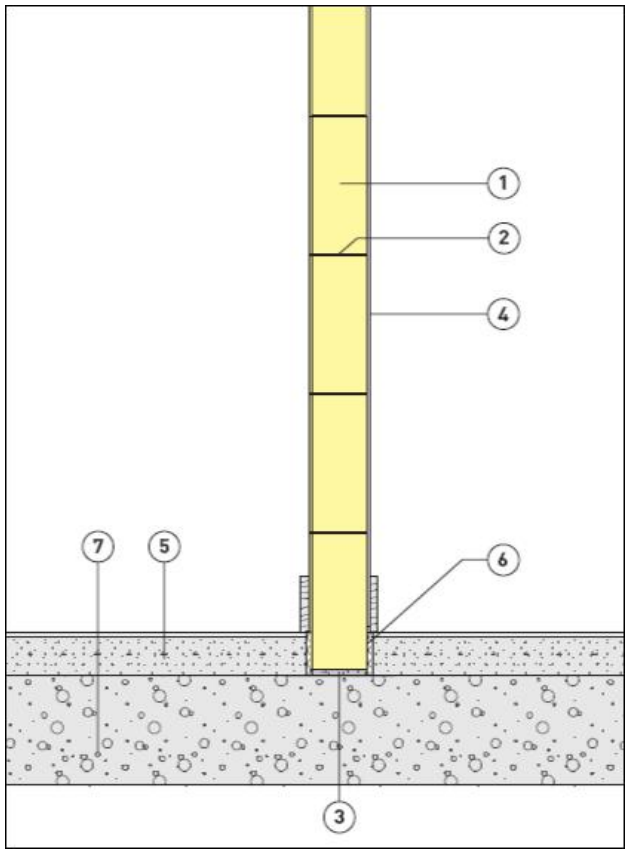
Non load-bearing internal GAZBETON AAC wall on concrete floor – B 4.9.9



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Mortar
4. Waterproofing
5. Plaster
6. Cement screed
7. Thermal insulation
8. Concrete floor
9. Base course

WALL/FOUNDATION

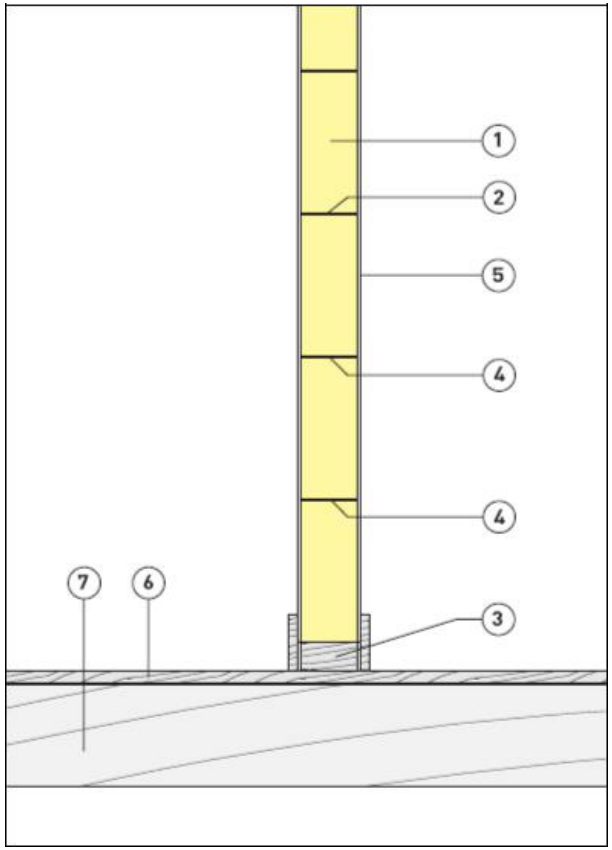
Non load-bearing internal GAZBETON AAC wall on concrete floor – B 4.9.10



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Mortar
4. Plaster
5. Cement screed
6. Insulation
7. Concrete floor

WALL/FOUNDATION

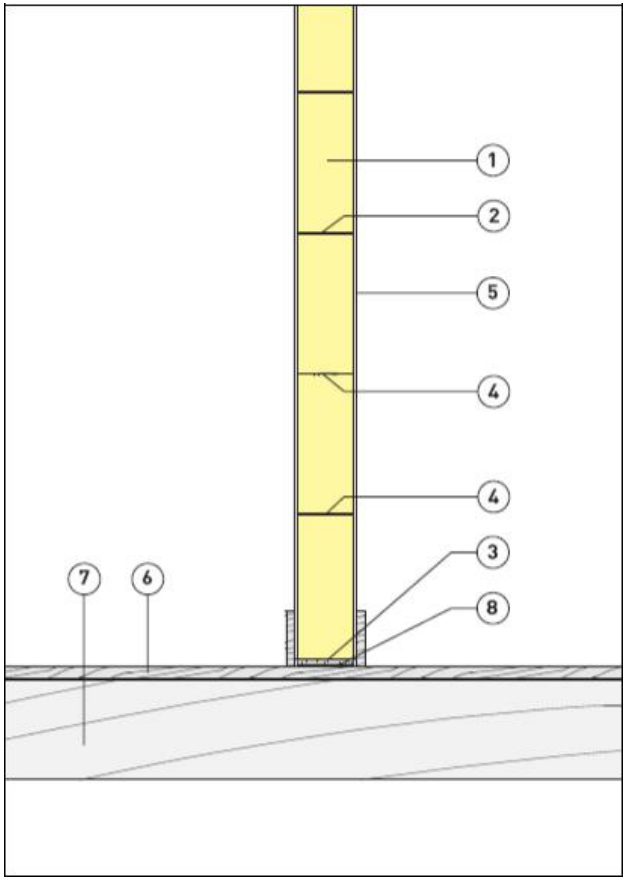
Non load-bearing internal GAZBETON AAC wall on timber floor – B 4.9.11a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Timber batten
4. Murfor
5. Plaster
6. Timber floor
7. Timber beams

WALL/FOUNDATION

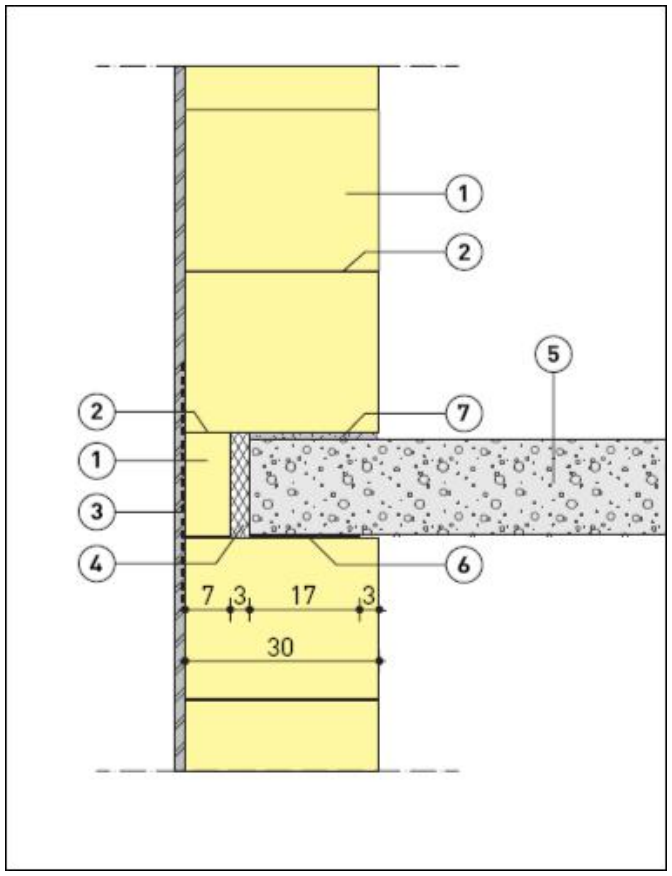
Non load-bearing internal GAZBETON AAC wall on timber floor – B 4.9.11b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Timber batten
4. Murfor
5. Internal plaster
6. Timber floor
7. Timber beams
8. Polyethylene foil

WALL/FLOOR SLAB

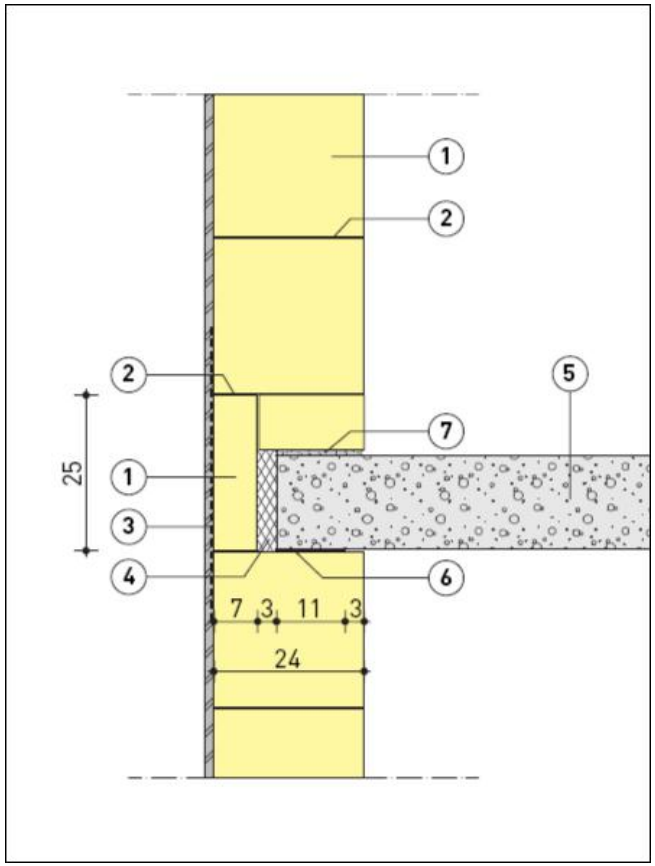
Placement of concrete floor on solid 300mm GAZBETON AAC wall – B 4.10.1a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Reinforcing mesh laid in render
4. Thermal insulation – type PU
5. Concrete floor
6. Bituminous felt or neoprene min. thickness 4 mm
7. Mortar

WALL/FLOOR SLAB

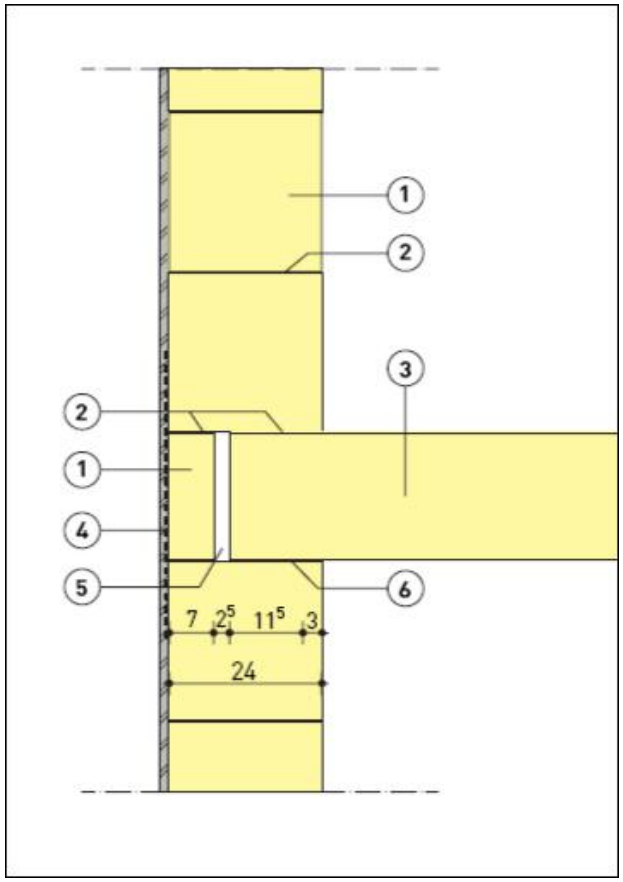
Placement of concrete floor on solid 240mm GAZBETON AAC wall – B 4.10.1b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Reinforcing mesh laid in render
4. Thermal insulation – type PU
5. Concrete floor / hollow core floor slabs / beam & blocks
6. Bituminous felt or neoprene min. thickness 4 mm
7. Mortar

WALL/FLOOR SLAB

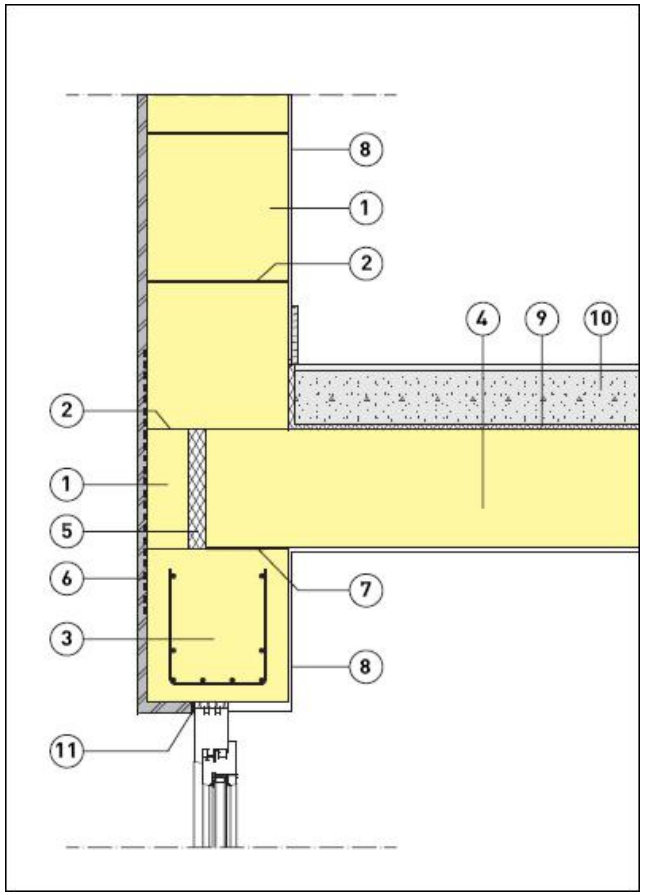
Placement of HEBEL floor on solid 240mm GAZBETON AAC wall – B 4.10.2a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC floor panels
4. Reinforcing mesh laid in render
5. Cavity or insulation
6. Bituminous felt or neoprene
   min. thickness 4 mm

WALL/FLOOR SLAB

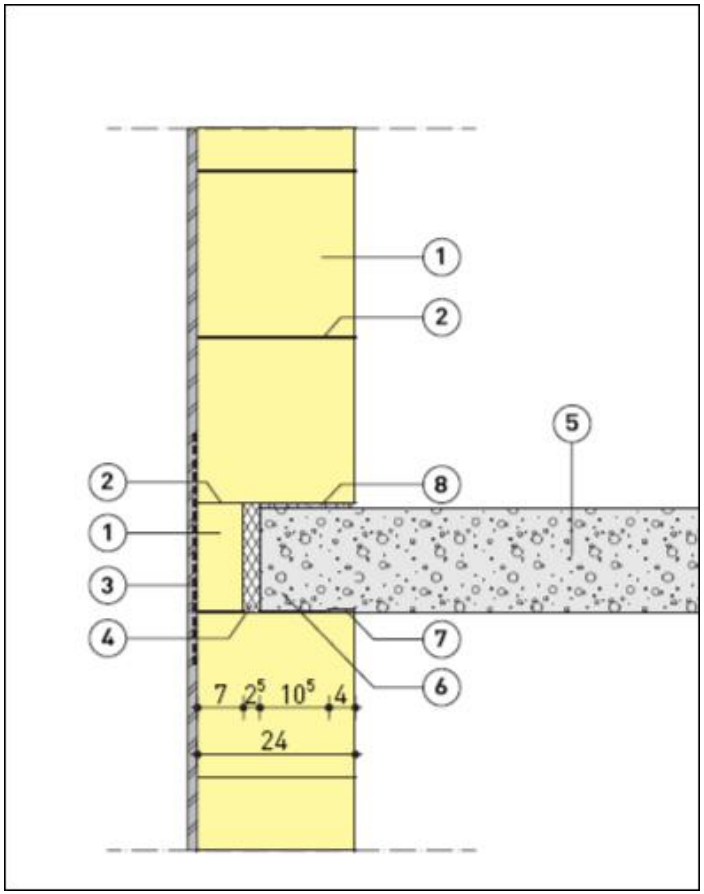
GAZBETON AAC wall – placement of HEBEL floor on GAZBETON AAC lintel – B 4.10.2b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC lintel
4. HEBEL AAC floor panels
5. Thermal insulation
6. Reinforcing mesh laid in render
7. Bituminous felt or neoprene min. thickness 4 mm
8. Plaster
9. Sound insulation
10. Cement floor
11. Flexible joint

WALL/FLOOR SLAB

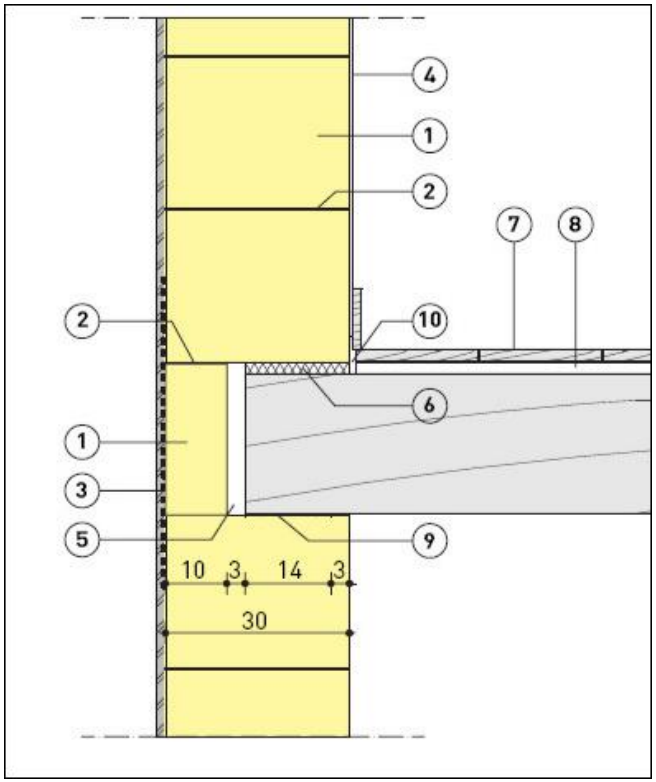
placement of concrete floor on solid external wall – B 4.10.3



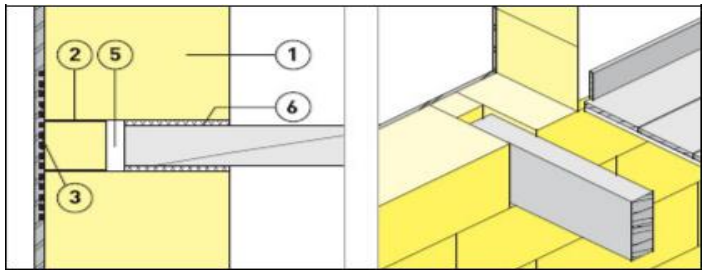
1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Reinforcing mesh laid in render
4. Thermal insulation
5. In-situ concrete slab
6. Polyethylene foil
7. Polystyrene strip 40 x 5mm
8. Mortar

WALL/FLOOR SLAB

placement of timber floor on solid external wall – B 4.10.4

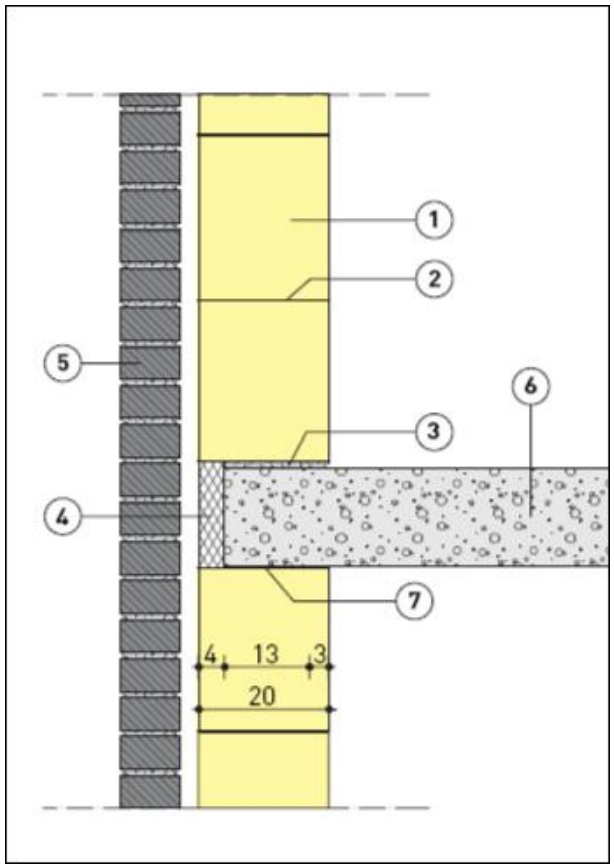


1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Reinforcing mesh laid in plaster
4. Plaster
5. Cavity or insulation
6. Insulation – polyurethane foam
7. Timber floor
8. Subfloor
9. Bituminous felt or neoprene
   min. thickness 4 mm
10. Necessary expansion space for timber floor



WALL/FLOOR SLAB

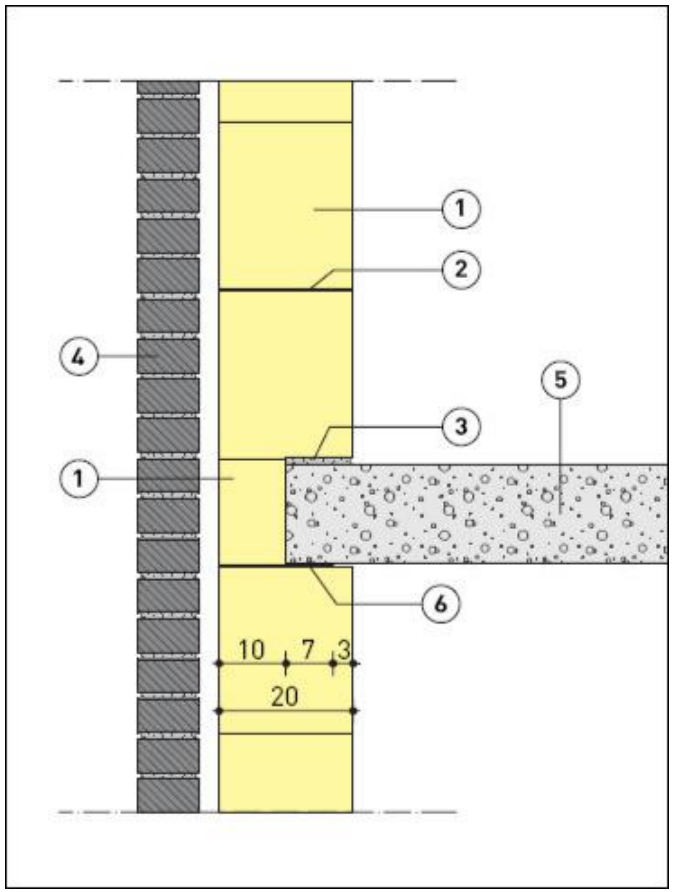
Placement of concrete floor on cavity wall – B 4.10.5a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Mortar
4. Thermal insulation
5. Bricks
6. Concrete floor
7. Bituminous felt or neoprene
   min. thickness 4 mm

WALL/FLOOR SLAB

Placement of concrete floor on cavity wall – B 4.10.5b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Mortar
4. Bricks
5. Concrete floor
6. Bituminous felt or neoprene
   min. thickness 4 mm

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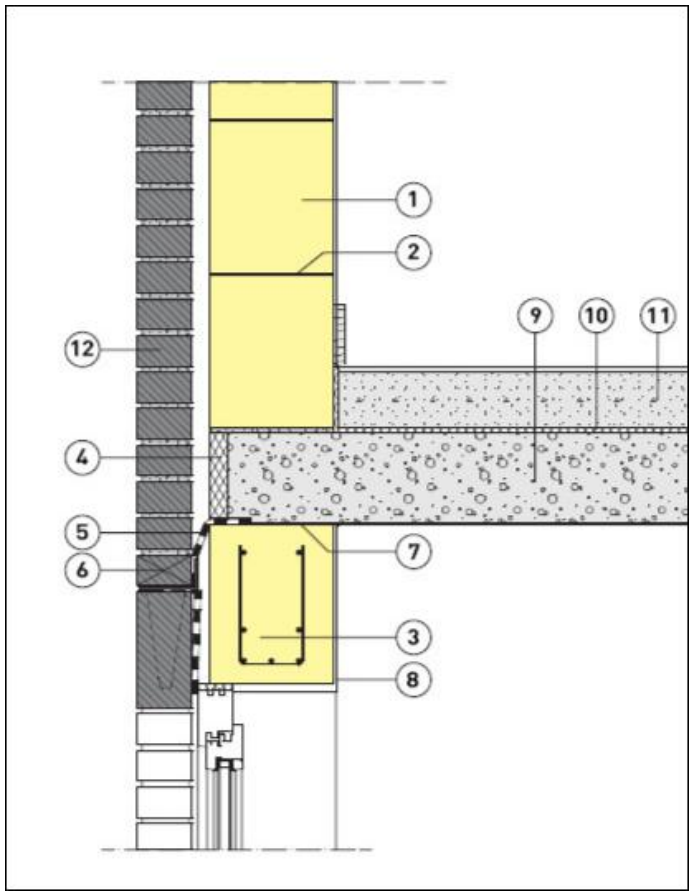
WALL/FLOOR SLAB

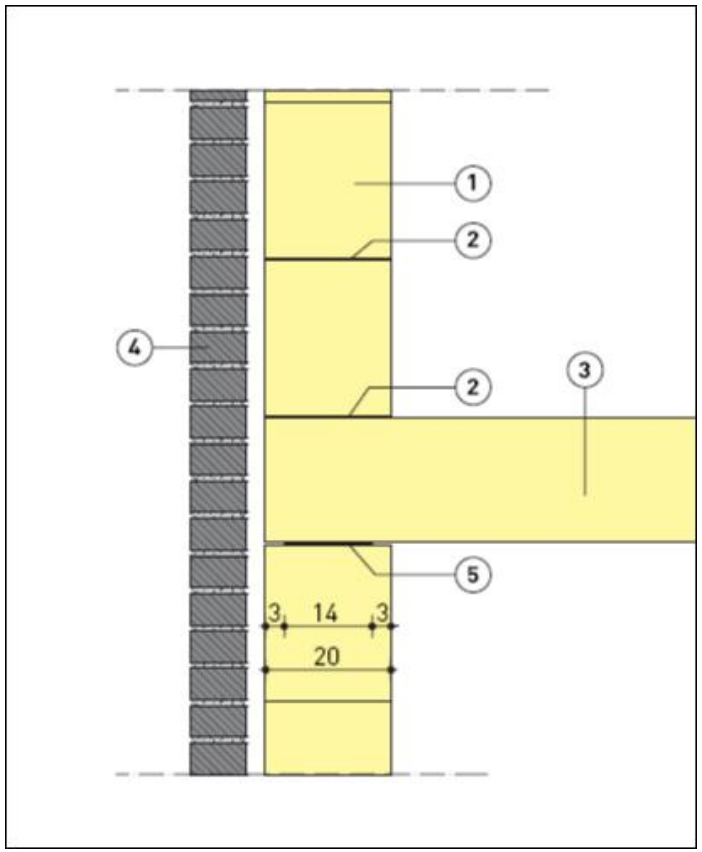
Placement of concrete floor on GAZBETON AAC lintel – B 4.10.5c



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC lintel
4. Thermal insulation
5. DPC
6. Open perpend
7. Bituminous felt or neoprene min. thickness 4 mm
8. Plaster
9. Concrete floor
10. Sound insulation
11. Cement screed
12. Bricks

WALL/FLOOR SLAB

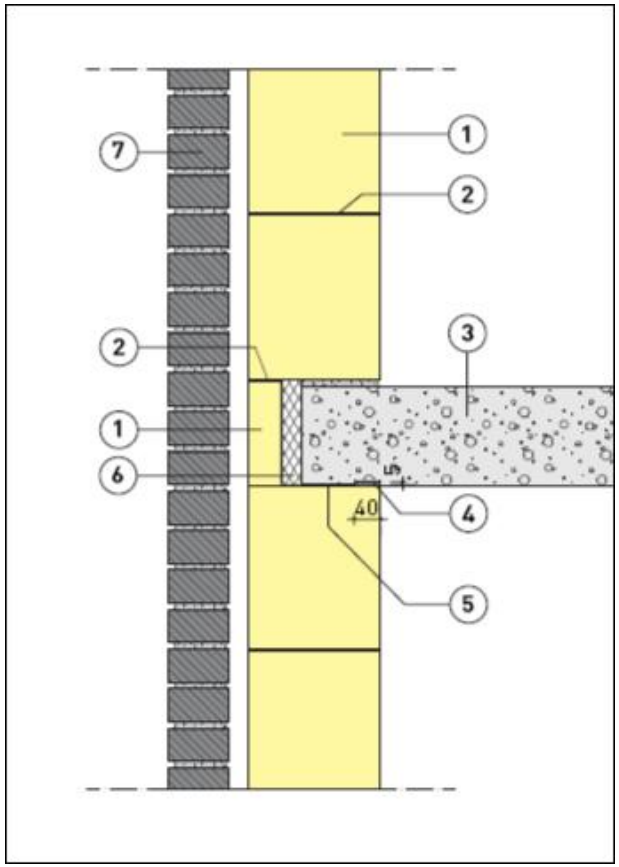
Placement of HEBEL floor on cavity wall B 4.10.6



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC floor panels
4. Bricks
5. Bituminous felt or neoprene
   min. thickness 4 mm

WALL/FLOOR SLAB

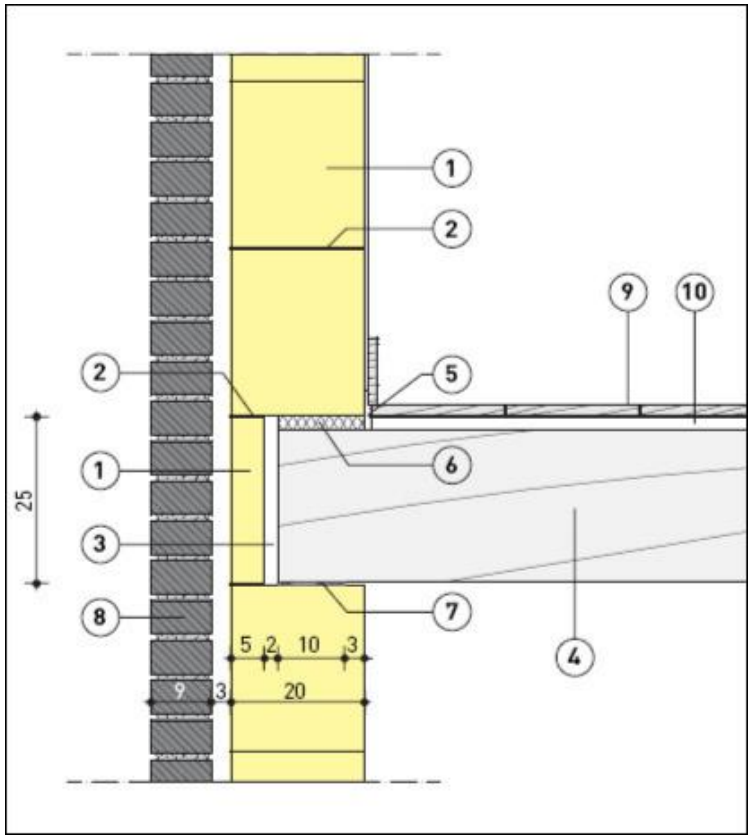
Placement of concrete floor on cavity wall – B 4.10.7



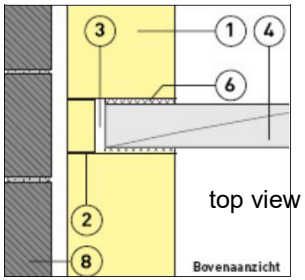
1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Concrete floor
4. Polystyrene strip 40 x 5 mm
5. Polyethylene foil
6. Thermal isolation
7. Bricks

WALL/FLOOR SLAB

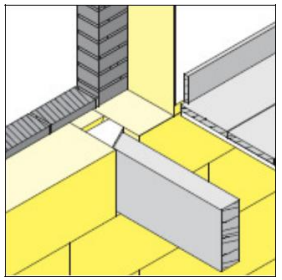
Placement of timber floor on cavity wall – B 4.10.8



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Cavity or insulation
4. Timber floor
5. Necessary expansion space for timber floor
6. Insulation – polyurethane foam
7. Bituminous felt or neoprene
   min. thickness 4 mm bricks
8. Brick
9. Timber floor
10. Subfloor

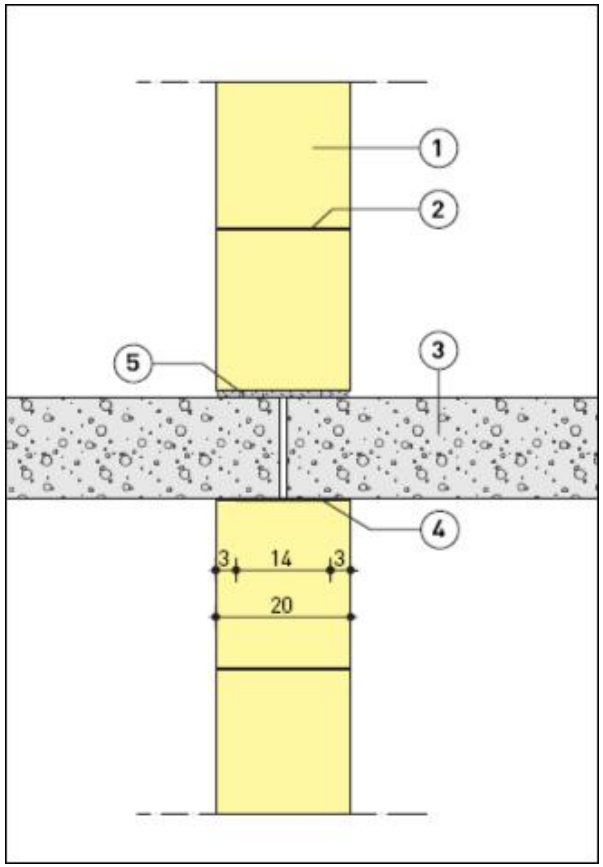


top view



WALL/FLOOR SLAB

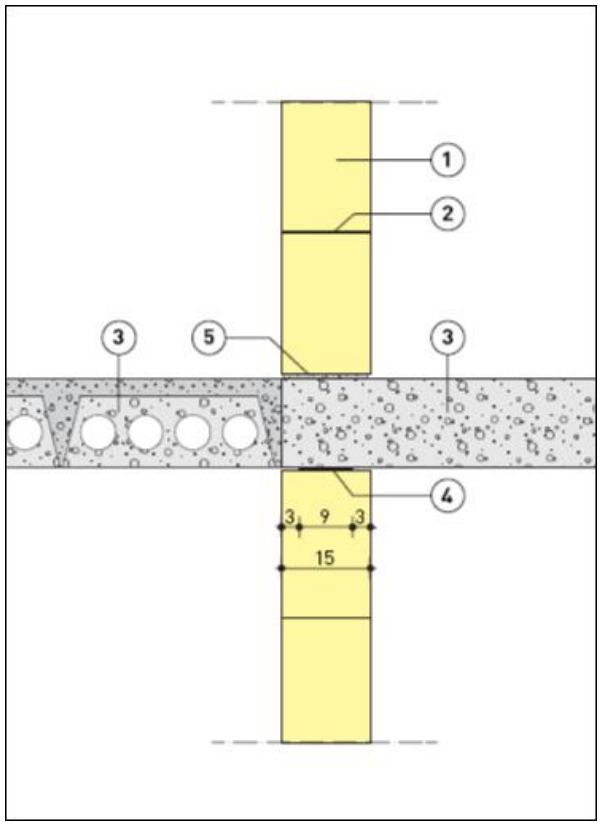
Placement of concrete floor on internal wall – B 4.10.9a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Concrete floor
4. Bituminous felt or neoprene
   min. thickness 4 mm bricks
5. Mortar

WALL/FLOOR SLAB

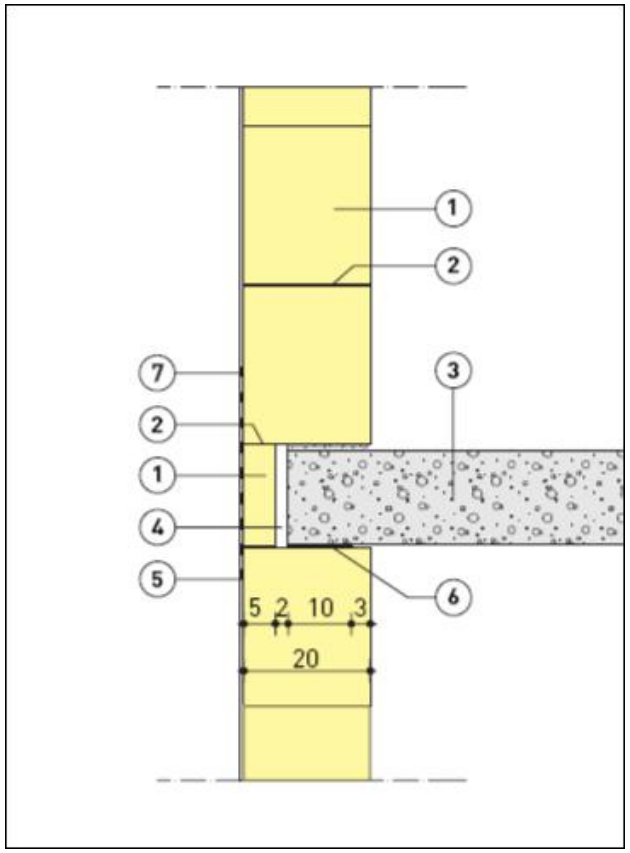
Placement of concrete floor on internal wall – B 4.10.9b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Concrete floor
4. Bituminous felt or neoprene
   min. thickness 4 mm bricks
5. Mortar

WALL/FLOOR SLAB

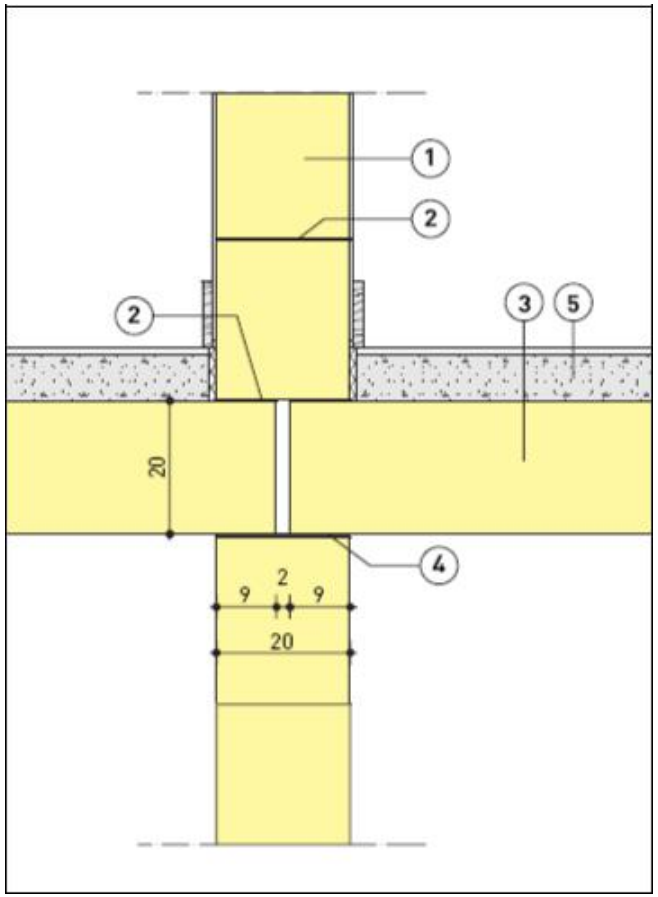
Placement of concrete floor on internal wall – B 4.10.9c



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Concrete floor
4. Cavity 20mm
5. Render
6. Bituminous felt or neoprene
   min. thickness 4 mm bricks
7. Reinforcing mesh laid in render

WALL/FLOOR SLAB

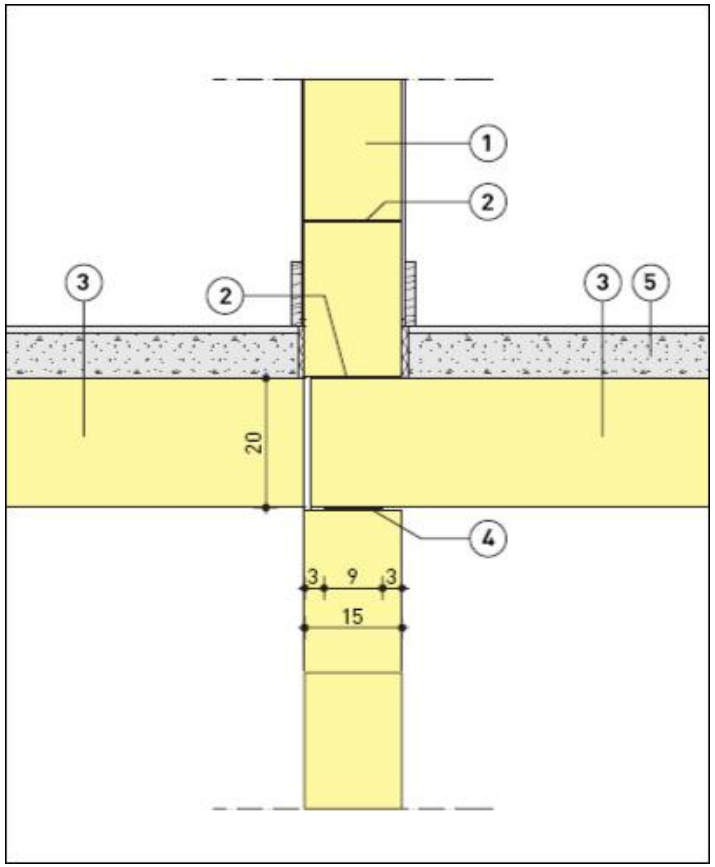
Placement of HEBEL floor on internal wall – B 4.10.10a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC floor panels (bearing = 90mm)
4. Bituminous felt or neoprene
   min. thickness 4 mm bricks
5. Cement screed

WALL/FLOOR SLAB

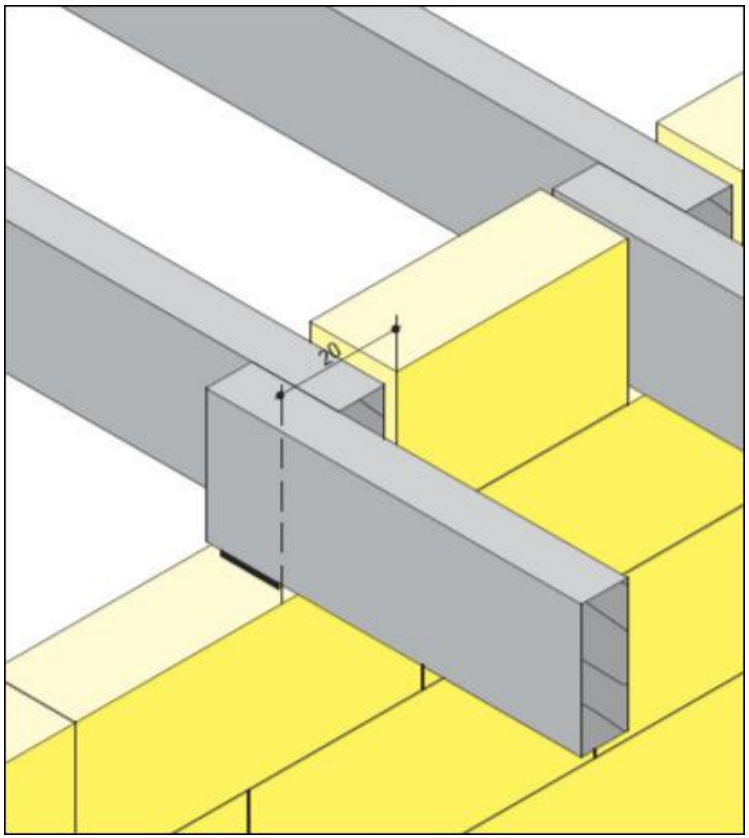
Placement of HEBEL floor on internal wall – B 4.10.10b



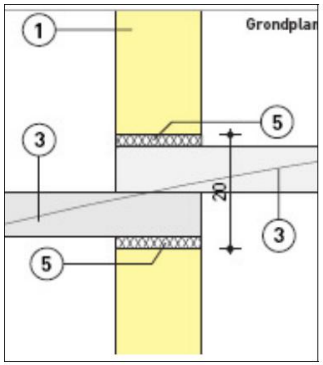
1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC floor panels (bearing = 90mm)
4. Bituminous felt or neoprene
   min. thickness 4 mm bricks
5. Cement screed

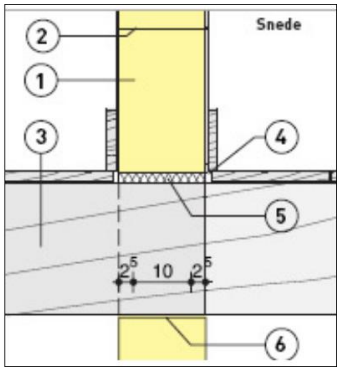
WALL/FLOOR SLAB

Placement of timber floor on internal wall – B 4.10.12



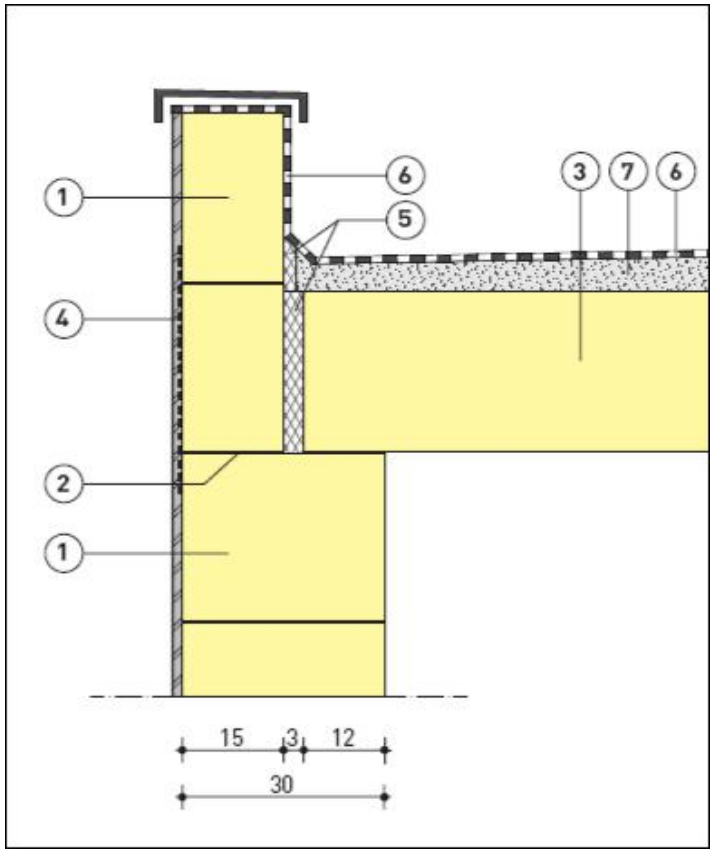
1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Timber beam
4. Necessary expansion space for floor
5. Polyurethane foam, thickness 15 cm
6. Bituminous felt or neoprene
   min. thickness 4 mm bricks





WALL/ROOF

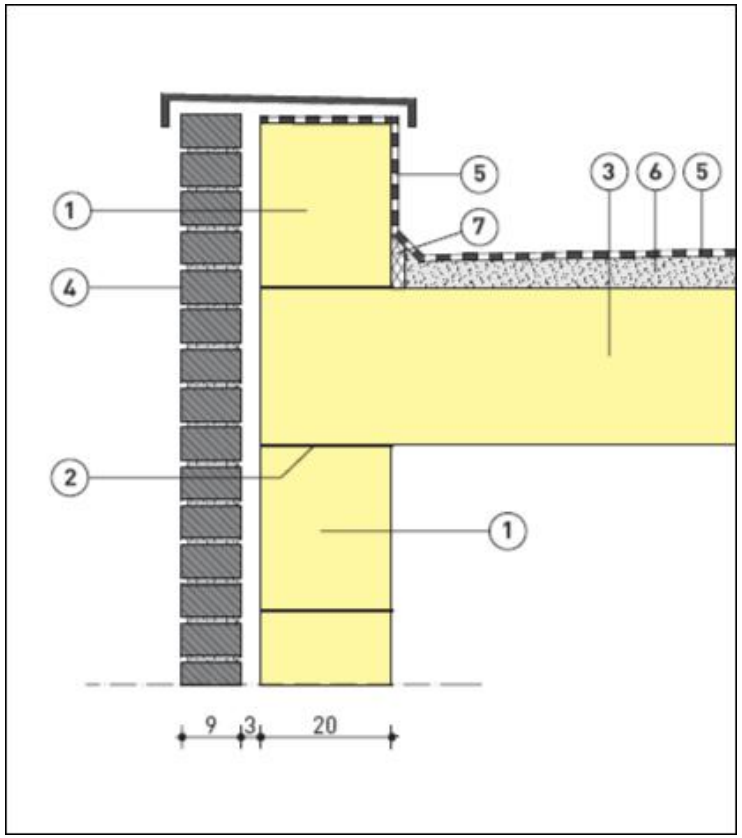
HEBEL flat roof on solid wall – B 4.11.1a



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC roof panels
4. Reinforcing mesh
5. Thermal insulation
6. DPC
7. Insulated screed

WALL/ROOF

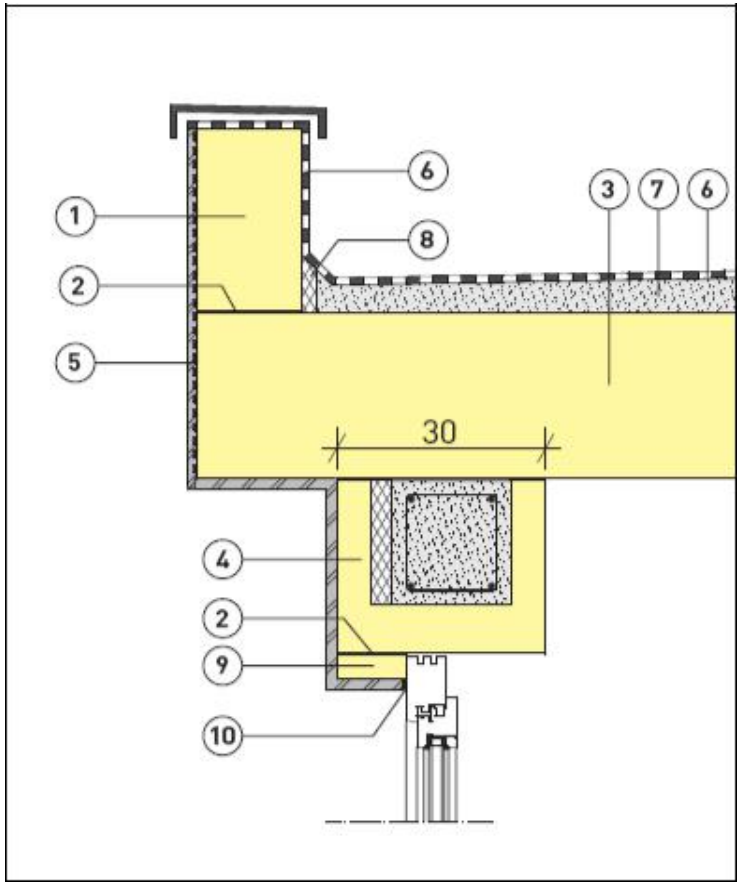
HEBEL flat roof on cavity wall – B 4.11.1b



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC roof panels
4. Bricks
5. DPC
6. Insulated screed
7. Thermal insulation

WALL/ROOF

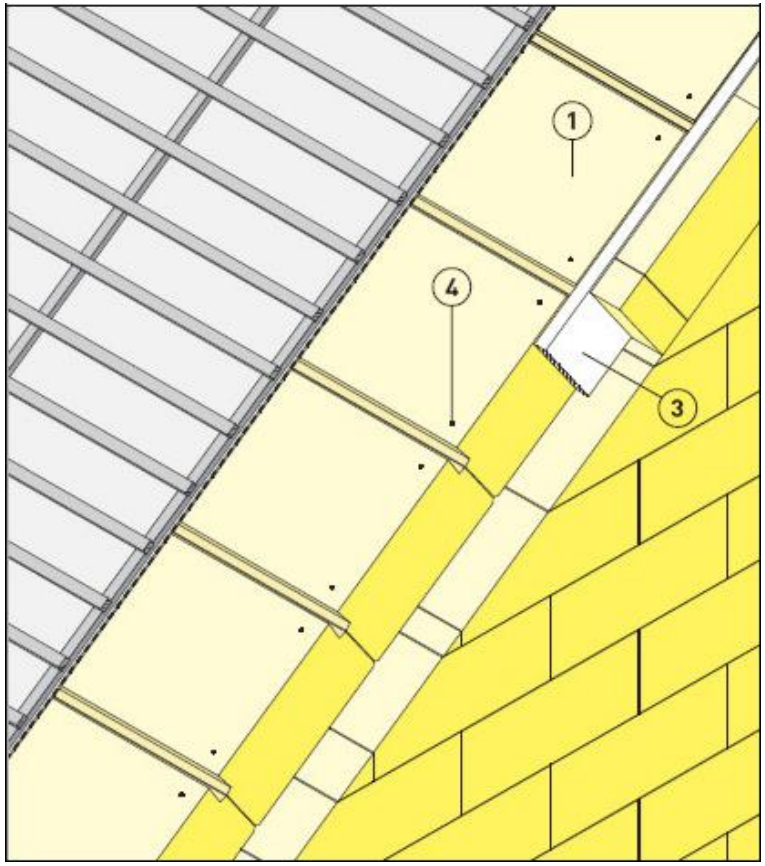
Cantilever HEBEL flat roof – B 4.11.1c



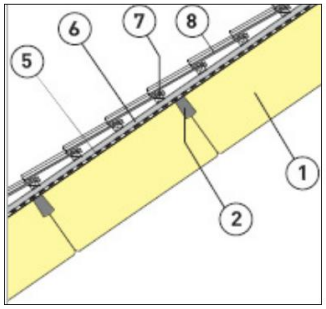
1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. HEBEL AAC roof panels
4. GAZBETON AAC U-lintel
5. Reinforcing mesh
6. DPC
7. Insulated screed
8. Thermal insulation
9. GAZBETON AAC block – to be cut on site and glued to lintel
10. Flexible joint

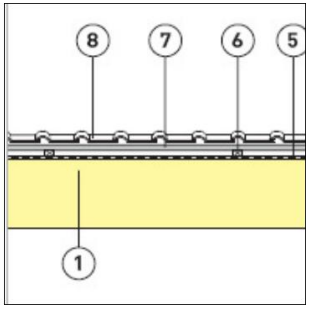
WALL/ROOF

SLOPING ROOF – HEBEL roof panels – B 4.11.3



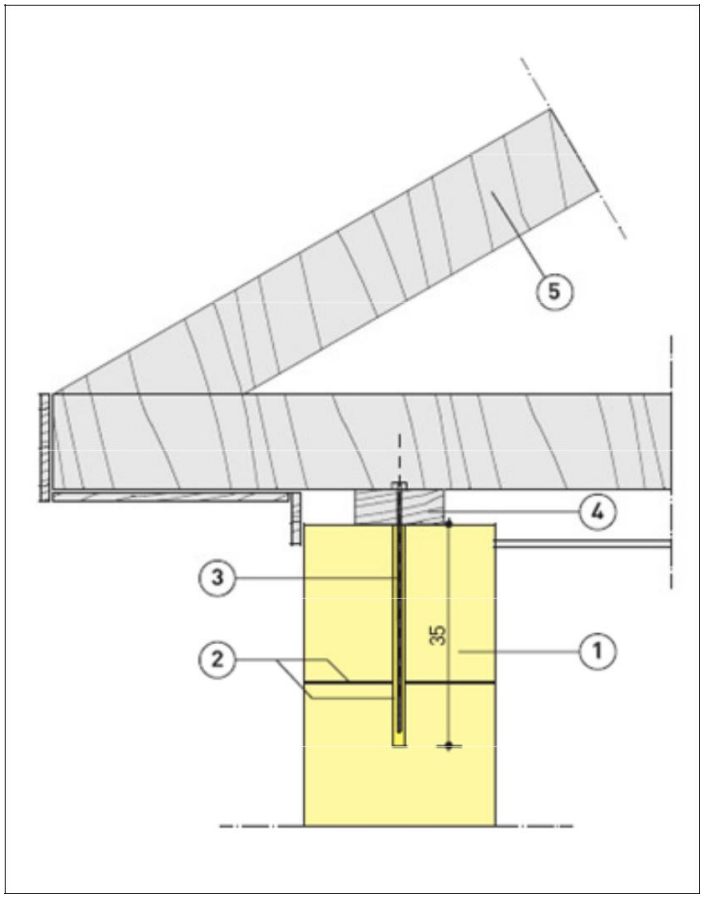
1. HEBEL AAC roof panel
2. Mortar
3. Thermal insulation
4. Continuity rod
5. Roofing sheet
6. Batten
7. Counter batten
8. Roof cladding





WALL/ROOF

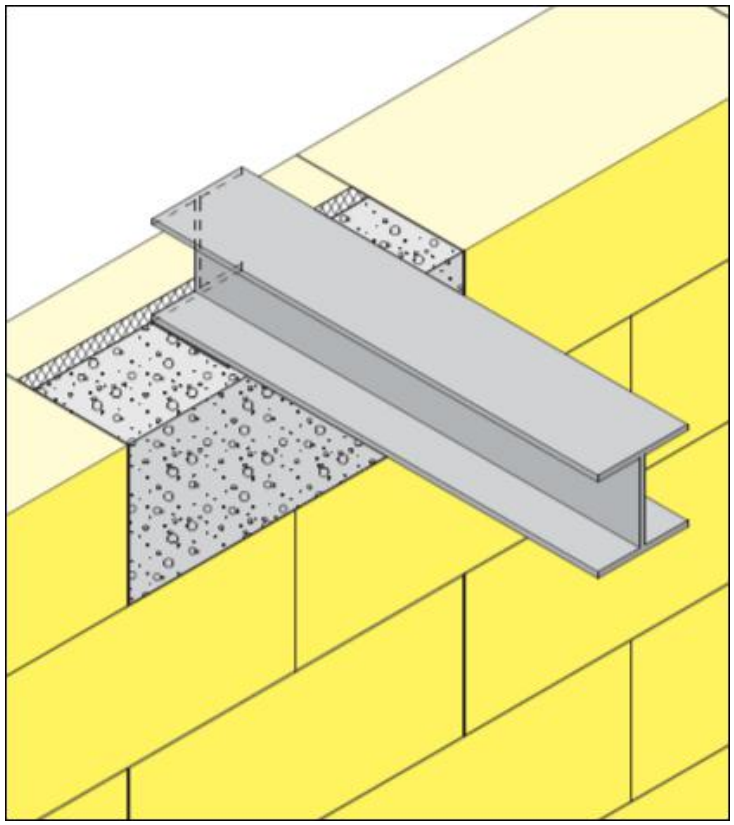
sloping roof – timber frames – B 4.11.4



1. GAZBETON AAC wall
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Holding down rod
4. Wall plate
5. Timber frame

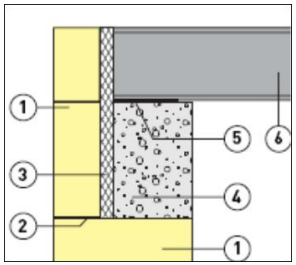
POINT LOADS

different possibility – B 4.12

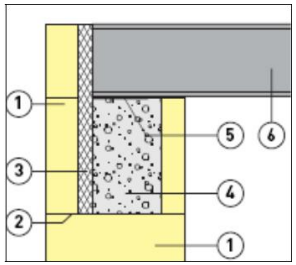


1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Thermal insulation
4. Pad stone
5. Bituminous felt or neoprene min. thickness 4 mm bricks
6. Steel profile

Possibility 1

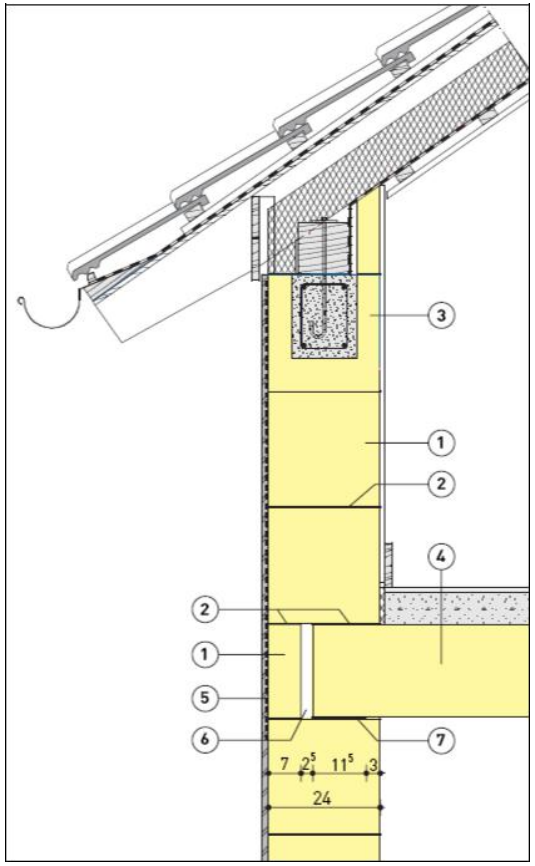


Possibility 2



RING BEAM

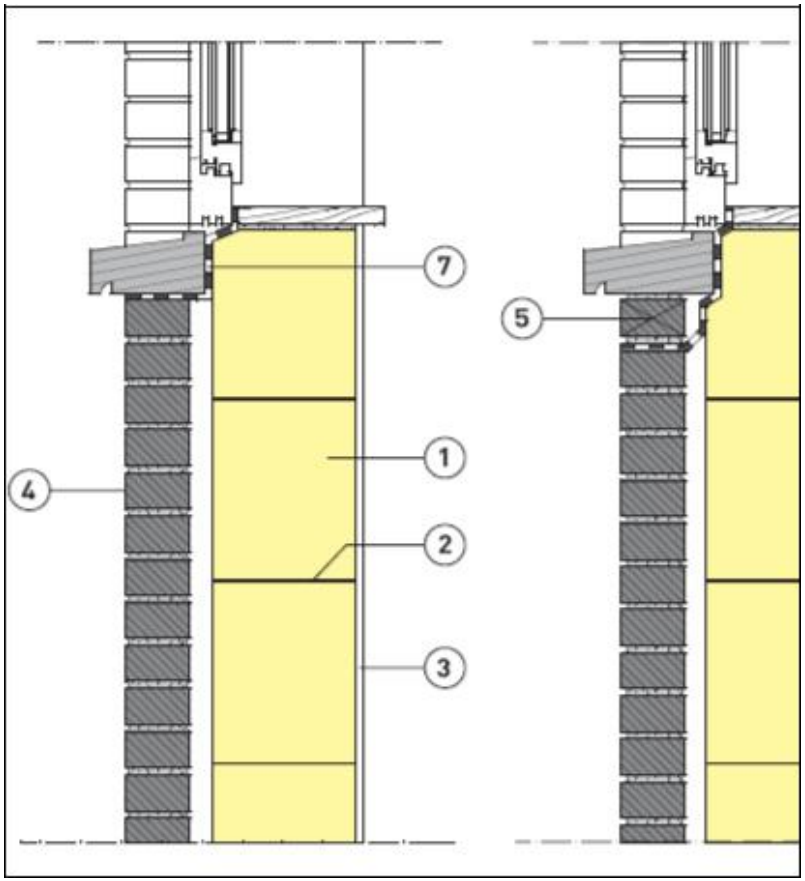
on solid GAZBETON AAC wall – using U-lintels – B 4.13



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. GAZBETON AAC U-lintel
4. HEBEL AAC floor panels
5. Reinforcement mesh
6. Cavity or insulation
7. Bituminous felt or neoprene
   min. thickness 4 mm bricks

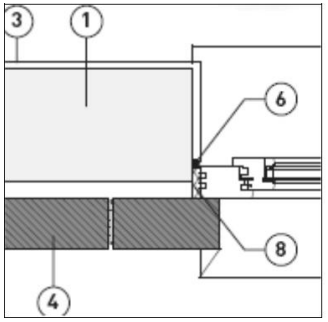
WINDOWS

Cavity wall – B 4.14.1

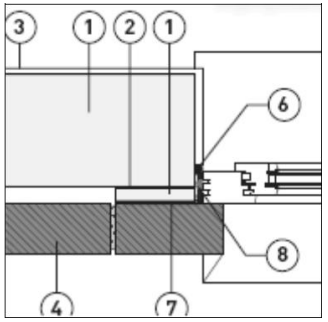


1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Plaster
4. Brick
5. Open perpend
6. Flexible joint
7. DPC
8. Thermal insulation

Possibility 1

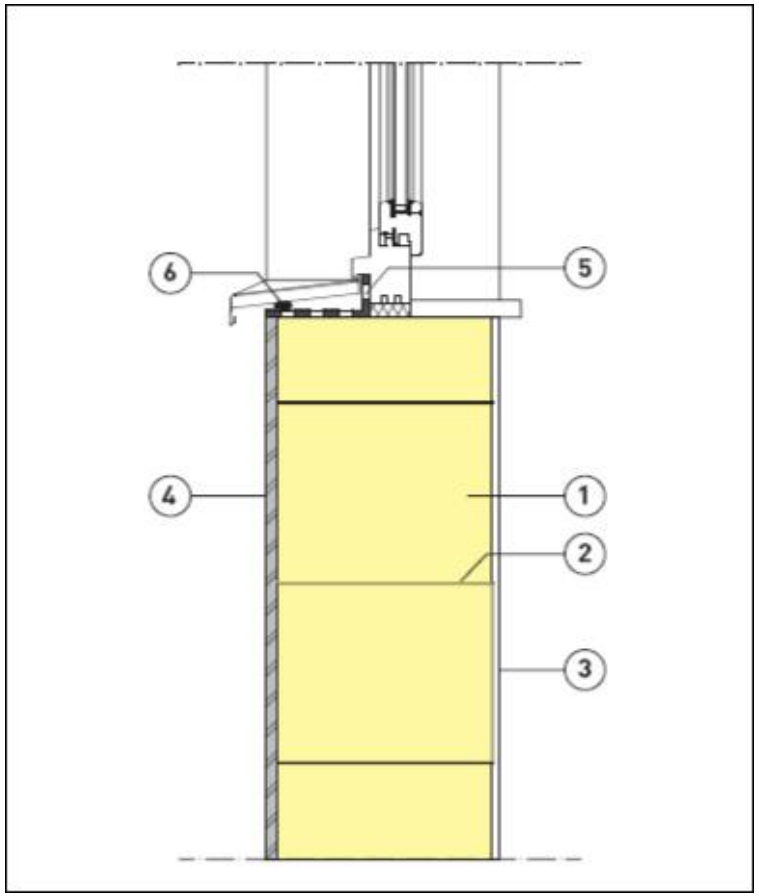


Possibility 2



WINDOWS

solid wall – B 4.14.2



1. GAZBETON AAC block
2. GLUE / GAZBETON AAC fix - thin joint mortar
3. Plaster
4. Render only
5. DPC
6. Flexible joint
7. Thermal insulation
8. GAZBETON AAC block (cut from 100 mm block)