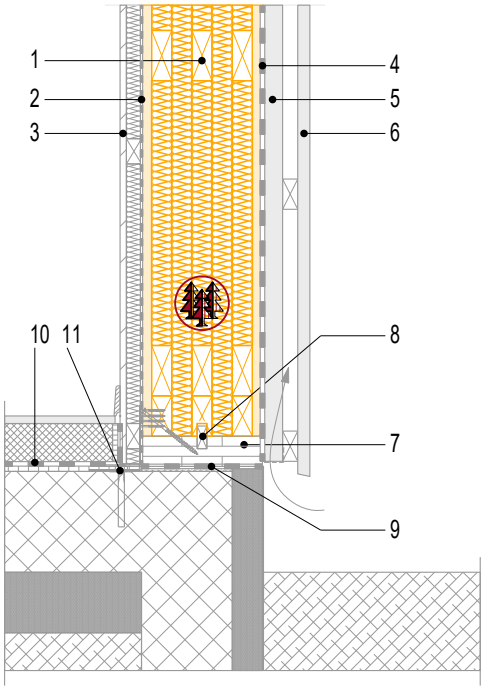
Detail of external wall anchoring 1

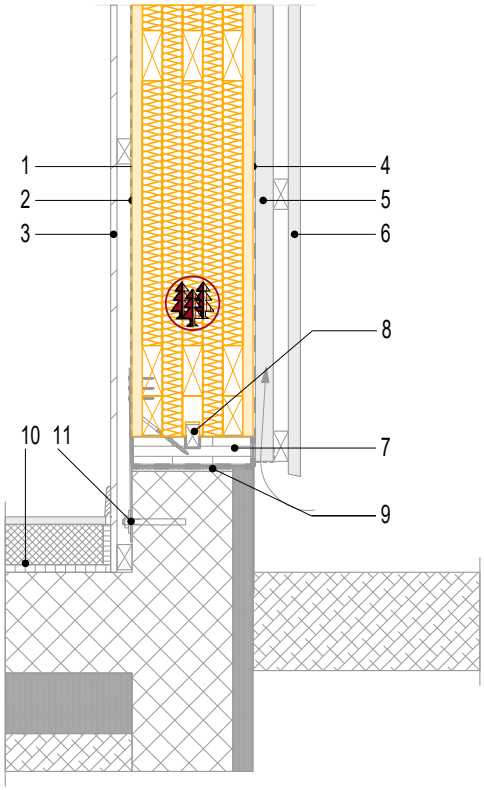


1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Bottom plate
8 Tongue-in-groove
9 Moisture barrier and mortar bed
10 Flooring
11 Angle bracket and anchors (according to Design)

This detail can be applied to both single-storey and multi-storey mass timber buildings.
It serves as a guideline and is not a substitute for a comprehensive building design. The detail should be customized based on specific engineering design, building envelope requirements, and fire safety standards. Variations using different products are possible. Our technical office is available to assist with any questions you may have.

Version: 10.2025

Detail of external wall anchoring 2



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Air gap, counter battens
6 Exterior timber cladding
7 Bottom plate
8 Tongue-in-Groove
9 Moisture barrier and mortar bed
10 Flooring
11 Angle bracket and anchors (according to Design)

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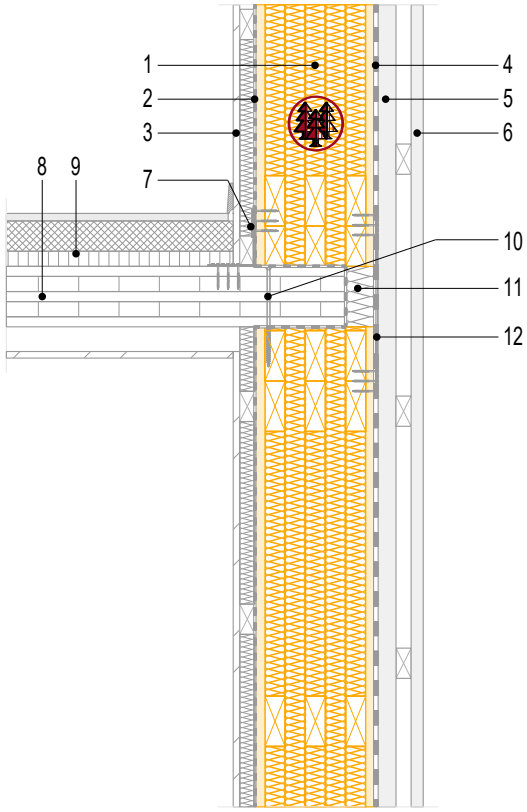
Version: 10.2025

Detail of ceiling to exterior wall connection 1



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Connector/fastener (according to Design)
8 CLT floor
9 Flooring
10 Connector/fastener
11 Insulation
12 Tension anchor (according to Design)

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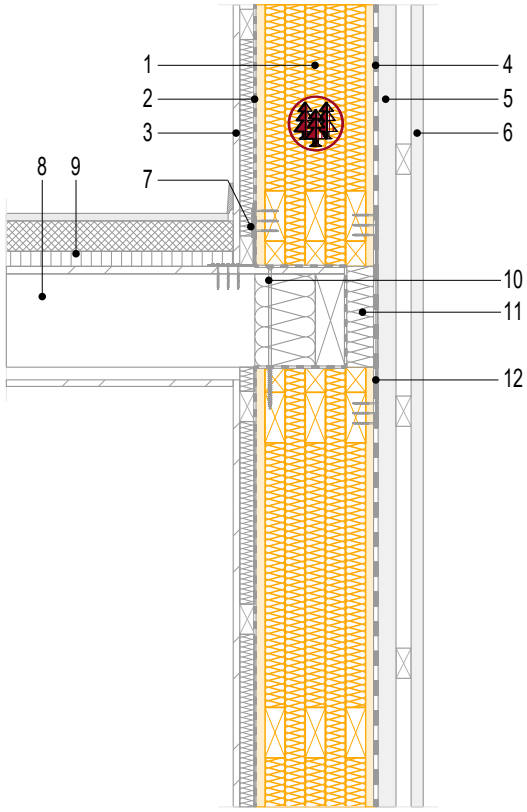
Version: 10.2025

Detail of ceiling to exterior wall connection 2



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Connector/fastener (according to Design)
8 Joist
9 Flooring
10 Connector/fastener
11 Insulation
12 Tension anchor (according to Design)

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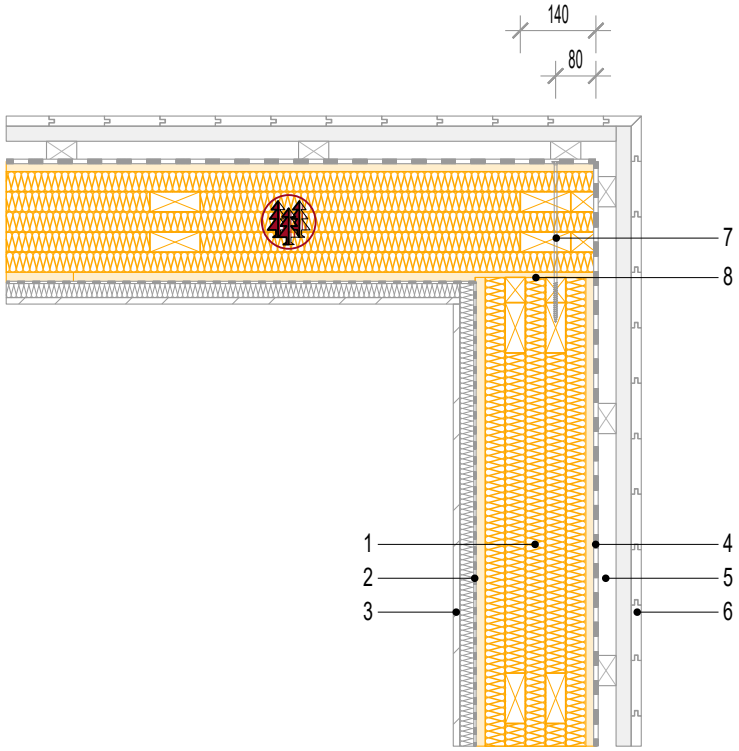
Version: 10.2025

Detail of exterior wall corner 1



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Connector/fastener (through the lamellas)
8 Rabbet

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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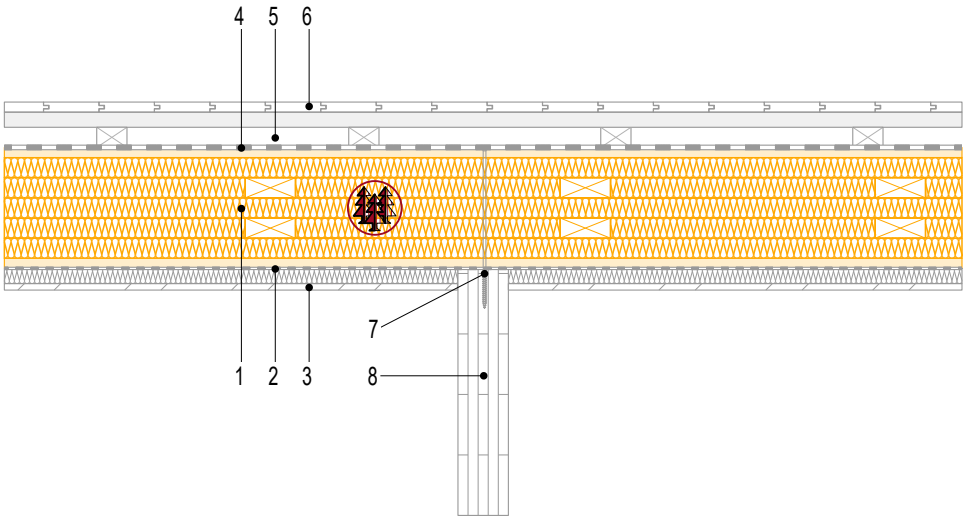
Version: 10.2025

Detail of exterior wall to interior wall 1



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Connector/fastener (through the lamellas)
8 CLT inner wall

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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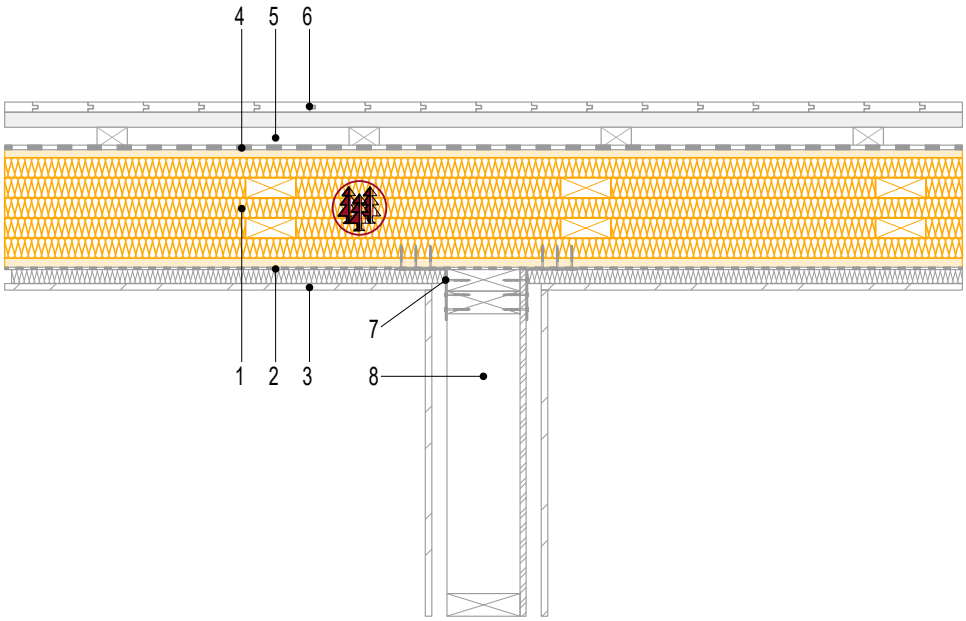
Version: 10.2025

Detail of exterior wall to interior wall 2



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Connector/fastener
8 Inner timber-framed wall

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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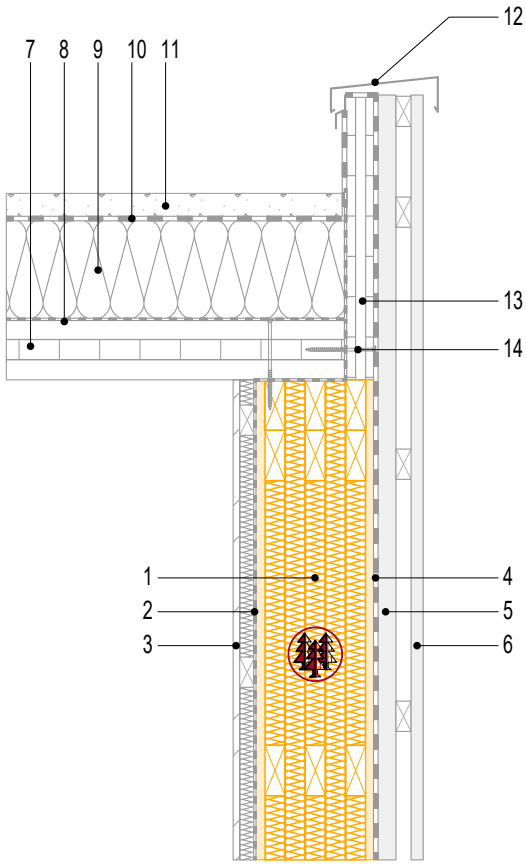
Detail of flat roof 1



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 CLT panel
8 Vapor barrier
9 Sloped insulation
10 Bituminous waterproof sheeting
11 Roofing material
12 Protective covering
13 CLT parapet
14 Fastener

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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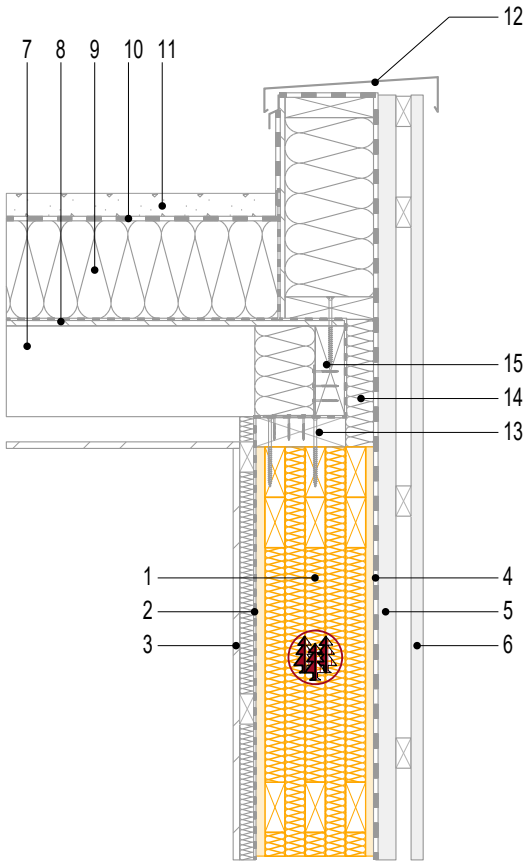
Version: 10.2025

Detail of flat roof 2



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Roof joist
8 Vapor barrier
9 Sloped insulation
10 Bituminous waterproof sheeting
11 Roofing material
12 Protective covering
13 Solid lumber rail
14 Insulation
15 Solid lumber

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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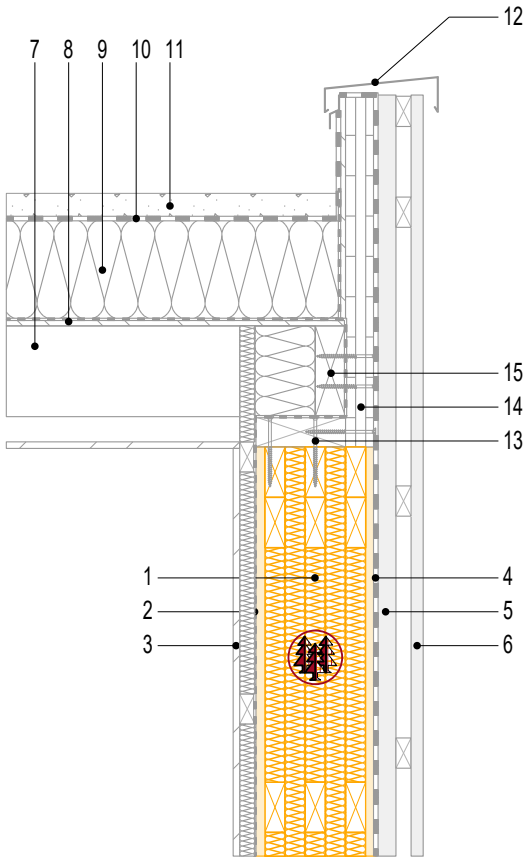
Detail of flat roof 3



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Roof joist
8 Vapor barrier
9 Sloped insulation
10 Bituminous waterproof sheeting
11 Roofing material
12 Protective covering
13 Solid lumber rail
14 CLT parapet
15 Solid lumber

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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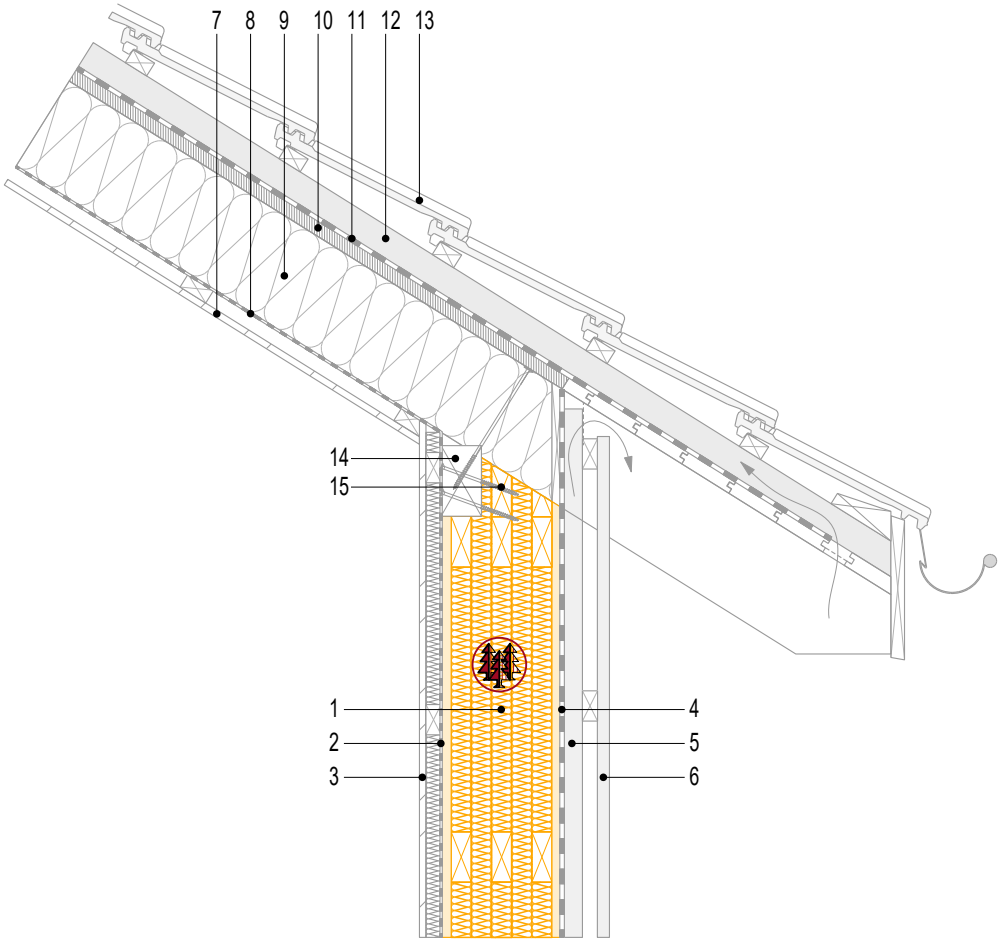
Version: 10.2025

Detail of pitched roof 1



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Plasterboard, underconstruction, and airspace
8 Vapor barrier
9 Roofing rafter and insulation
10 Second layer of insulation
11 Rain barrier
12 Airspace and battens
13 Roofing materials
14 Purlin
15 Fasteners

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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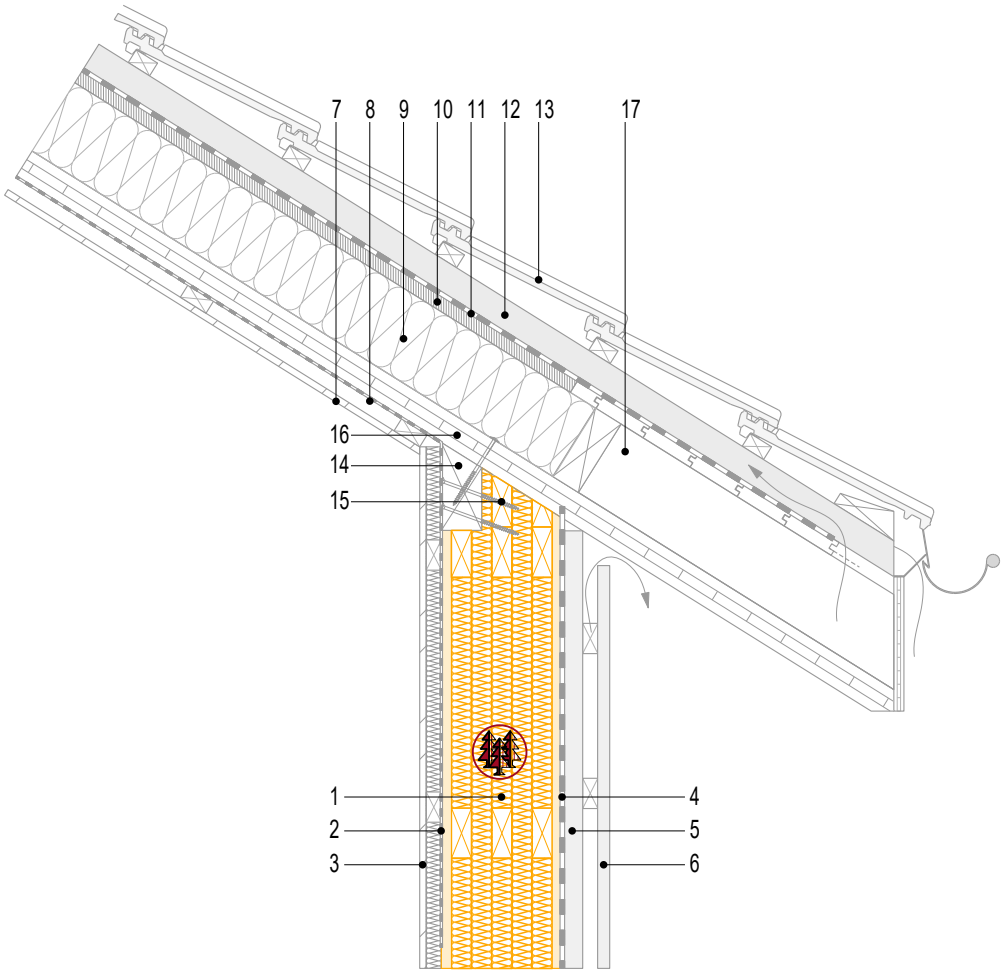
Version: 10.2025

Detail of pitched roof 2



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Plasterboard, underconstruction, and airspace
8 Vapor barrier
9 Insulation
10 Second layer of insulation
11 Rain barrier
12 Airspace and battens
13 Roofing materials
14 Purlin
15 Fasteners
16 CLT panels
17 Canopy rafter

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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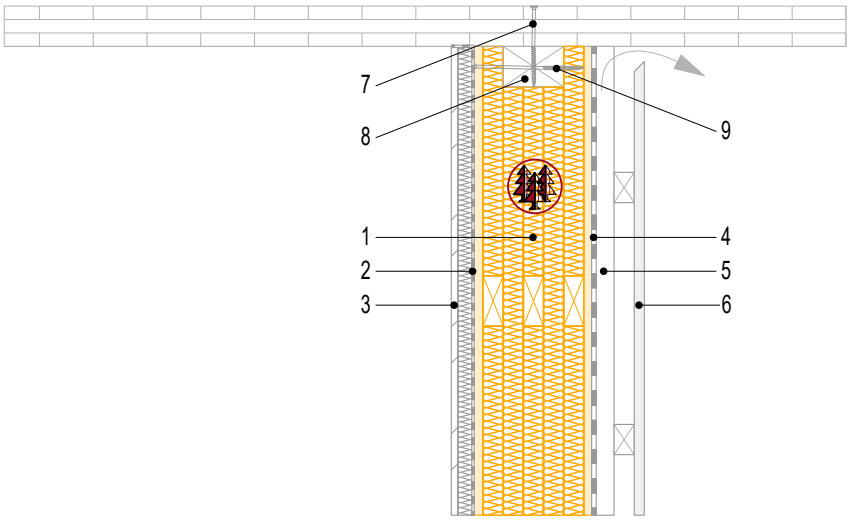
Version: 10.2025

Detail of roof and gable wall connection



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Fasteners
8 Wooden beam
9 Fasteners

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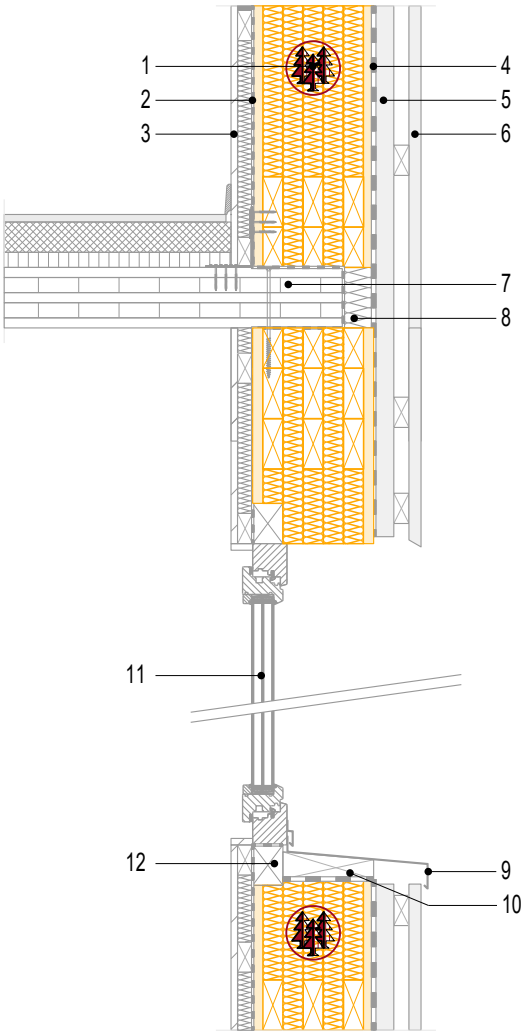
Version: 10.2025

Window detail with CL-Therm lintel



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 CLT floor
8 Additional insulation at CLT nose
9 Steel flashing
10 Sill with slope
11 Window joinery
12 Sill piece

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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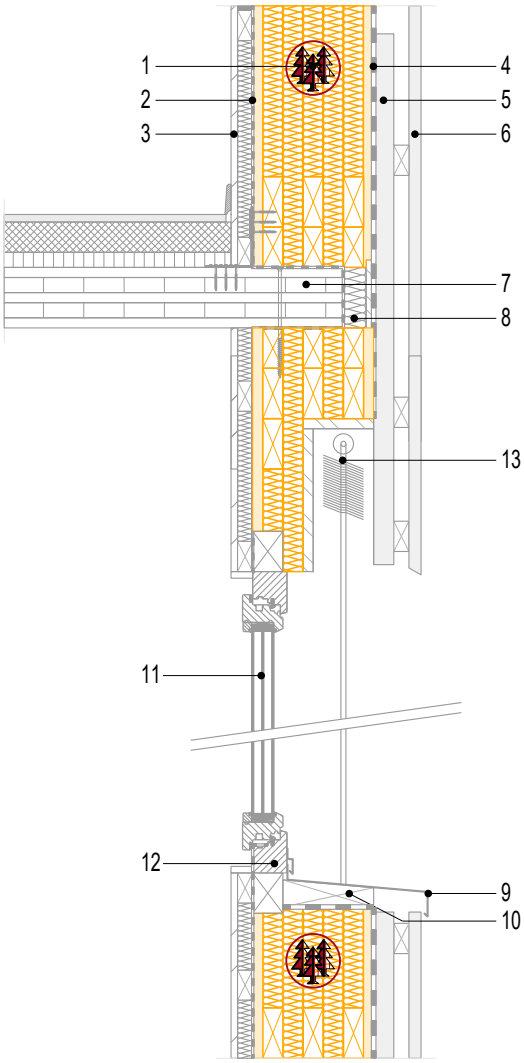
Version: 10.2025

Window detail with slat blind



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 CLT floor
8 Additional insulation at CLT nose
9 Steel flashing
10 Sill with slope
11 Window joinery
12 Sill piece
13 CLT lintel
14 Additional insulation
15 Slat blind

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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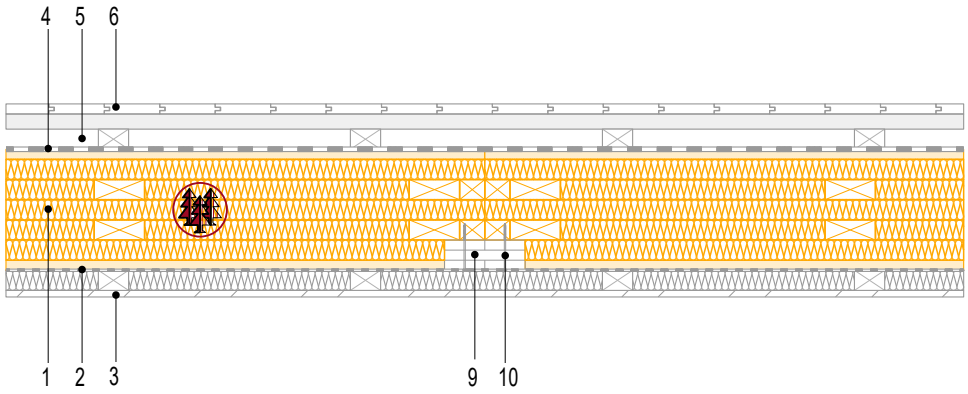
Version: 10.2025

Detail of exterior wall joints 1



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Joint plate 27x120 mm
8 Connector/fastener (through the lamellas)
9 Joint plate 3-layer CLT 60x160 mm
10 Connector/fastener

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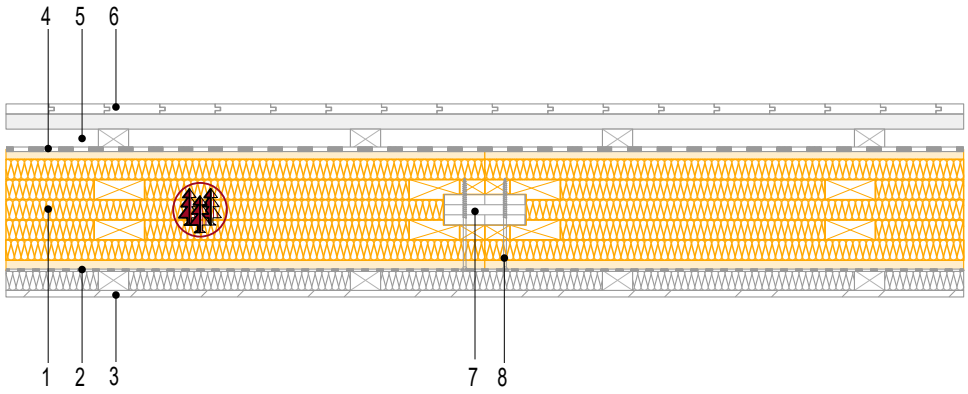
Version: 10.2025

Detail of exterior wall joints 2



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Tongue-in-groove
8 Connector/fastener (through the lamellas)

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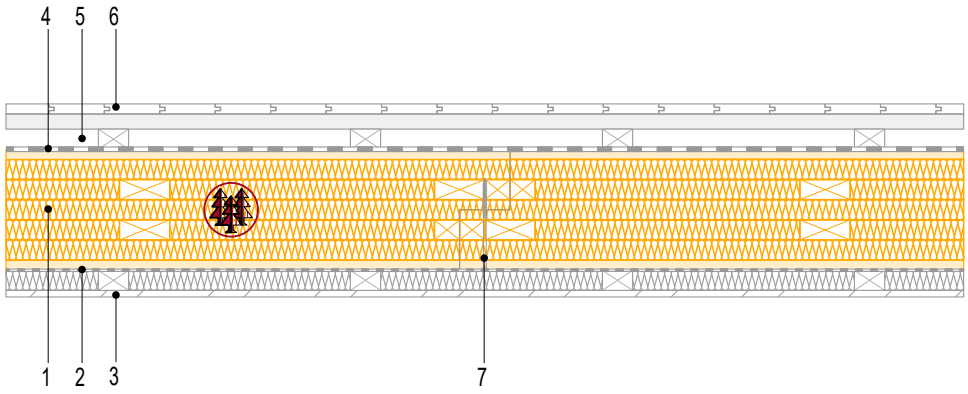
Version: 10.2025

Detail of exterior wall joints 3



1 CL-Therm wall
2 Vapor barrier (depending on Building Envelope design)
3 Plasterboard, underconstruction, and airspace
4 Rain barrier
5 Airspace, counter battens
6 Exterior timber cladding
7 Connector/fastener (through the lamellas)

This detail can be applied to both single-storey and multi-storey mass timber buildings.
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