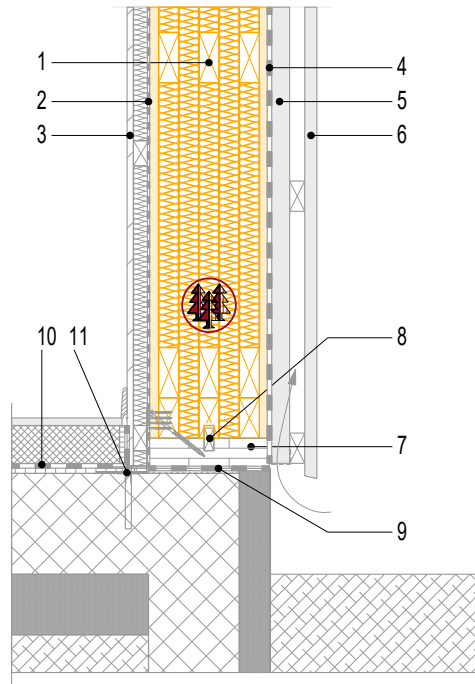


## Detail of external wall anchoring 1



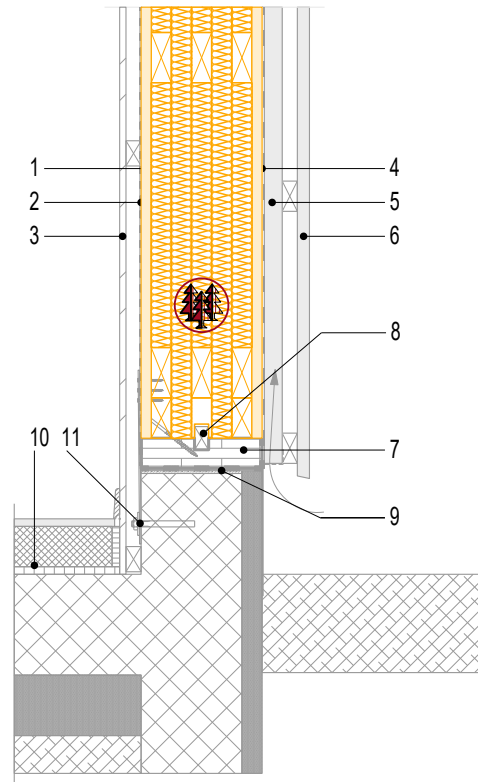
- |                                                         |                                                    |
|---------------------------------------------------------|----------------------------------------------------|
| 1 CL-Therm wall                                         | 7 Bottom plate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

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

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## Detail of external wall anchoring 2



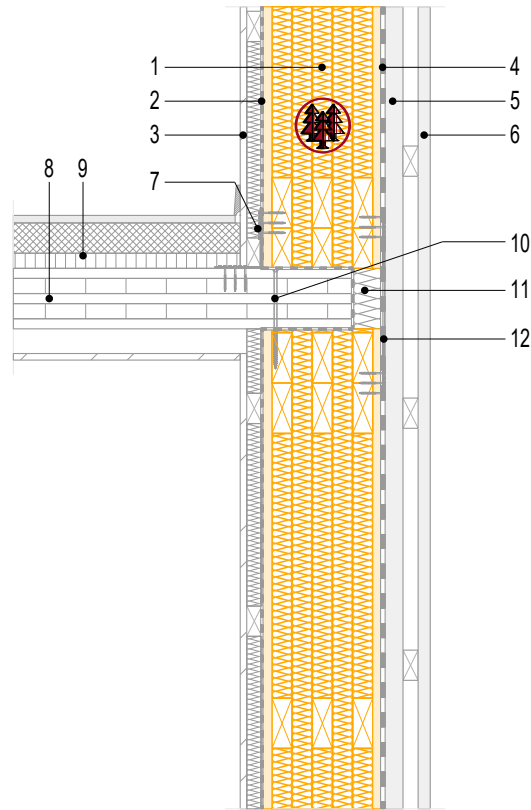
- |                                                         |                                                    |
|---------------------------------------------------------|----------------------------------------------------|
| 1 CL-Therm wall                                         | 7 Bottom plate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

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## 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

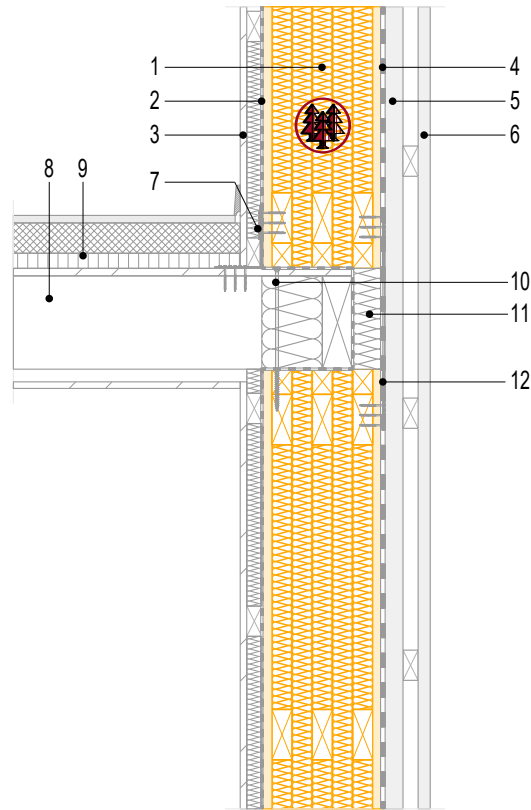
- 7 Connector/fastener (according to Design)
- 8 CLT floor
- 9 Flooring
- 10 Connector/fastener
- 11 Insulation
- 12 Tension anchor (according to Design)

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

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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

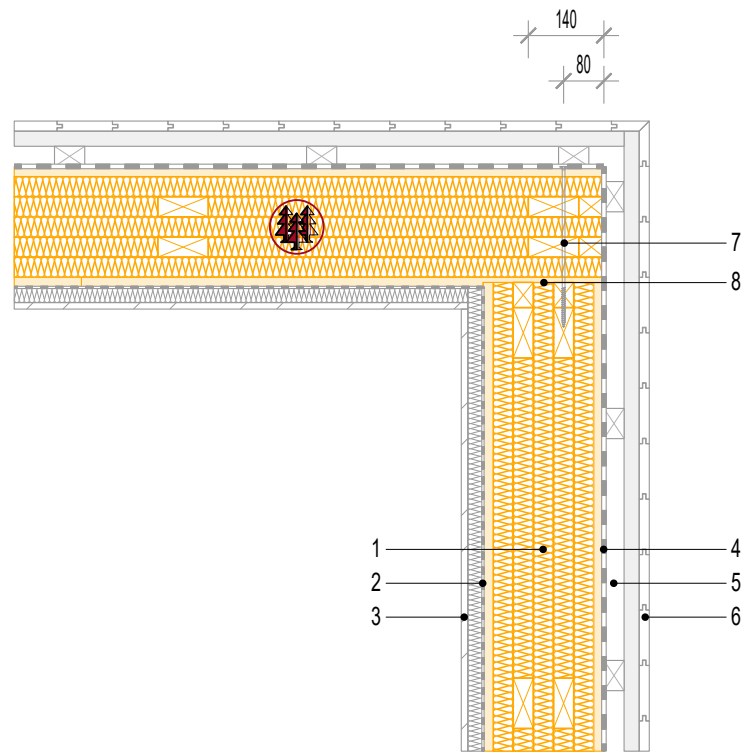
- 7 Connector/fastener (according to Design)
- 8 Joist
- 9 Flooring
- 10 Connector/fastener
- 11 Insulation
- 12 Tension anchor (according to Design)

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## 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

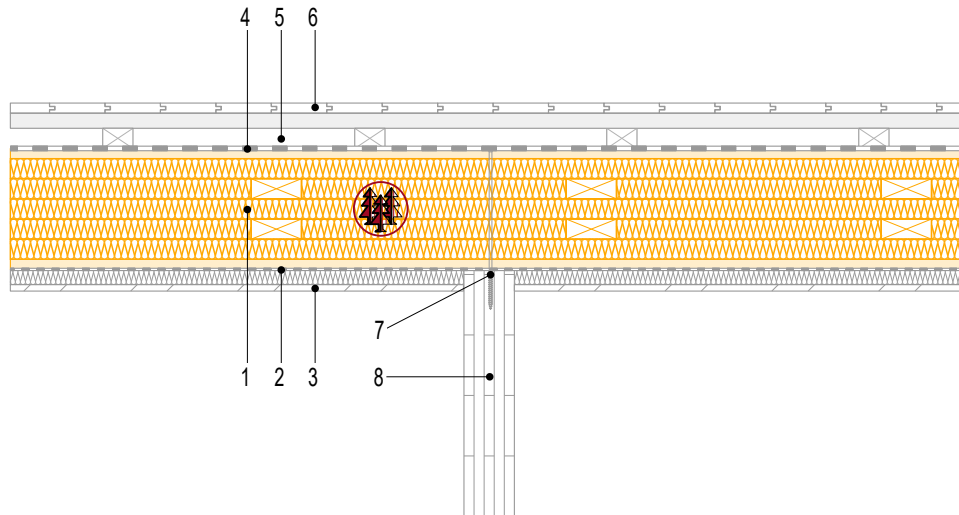
- 5 Airspace, counter battens
- 6 Exterior timber cladding
- 7 Connector/fastener (through the lamellas)
- 8 Rabbet

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

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## 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

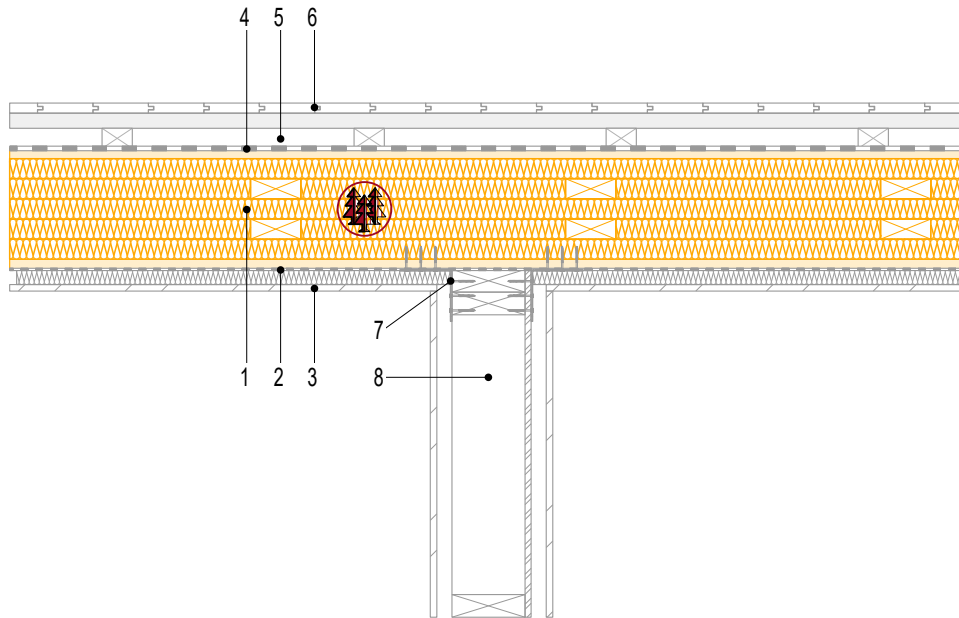
- 5 Airspace, counter battens
- 6 Exterior timber cladding
- 7 Connector/fastener (through the lamellas)
- 8 CLT inner wall

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

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## Detail of exterior wall to interior wall 2



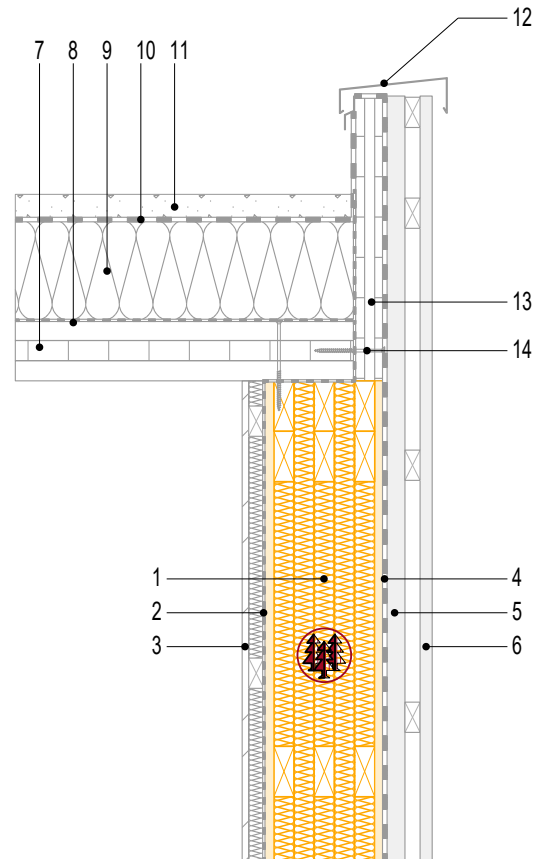
- |                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| 1 CL-Therm wall                                         | 5 Airspace, counter battens |
| 2 Vapor barrier (depending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

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## Detail of flat roof 1



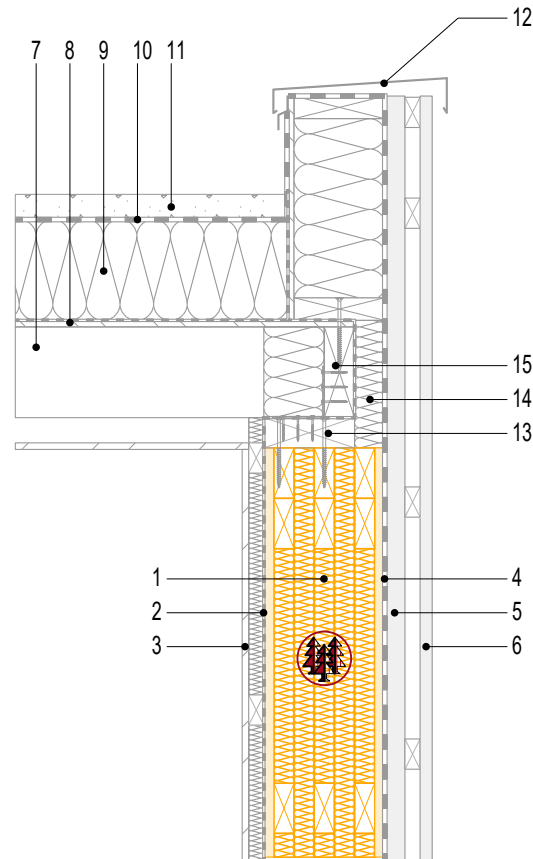
- |                                                         |                                   |
|---------------------------------------------------------|-----------------------------------|
| 1 CL-Therm wall                                         | 8 Vapor barrier                   |
| 2 Vapor barrier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

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

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## Detail of flat roof 2



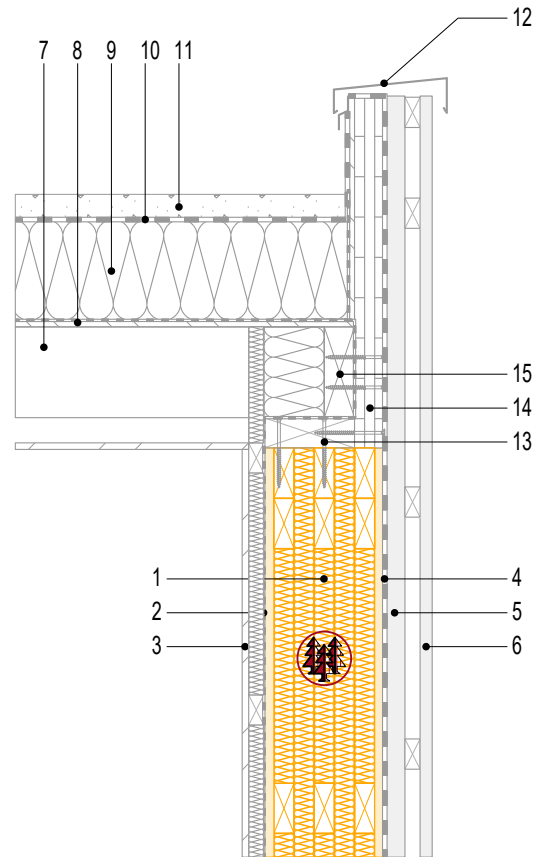
- |                                                         |                                   |
|---------------------------------------------------------|-----------------------------------|
| 1 CL-Therm wall                                         | 9 Sloped insulation               |
| 2 Vapor barrier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

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## Detail of flat roof 3



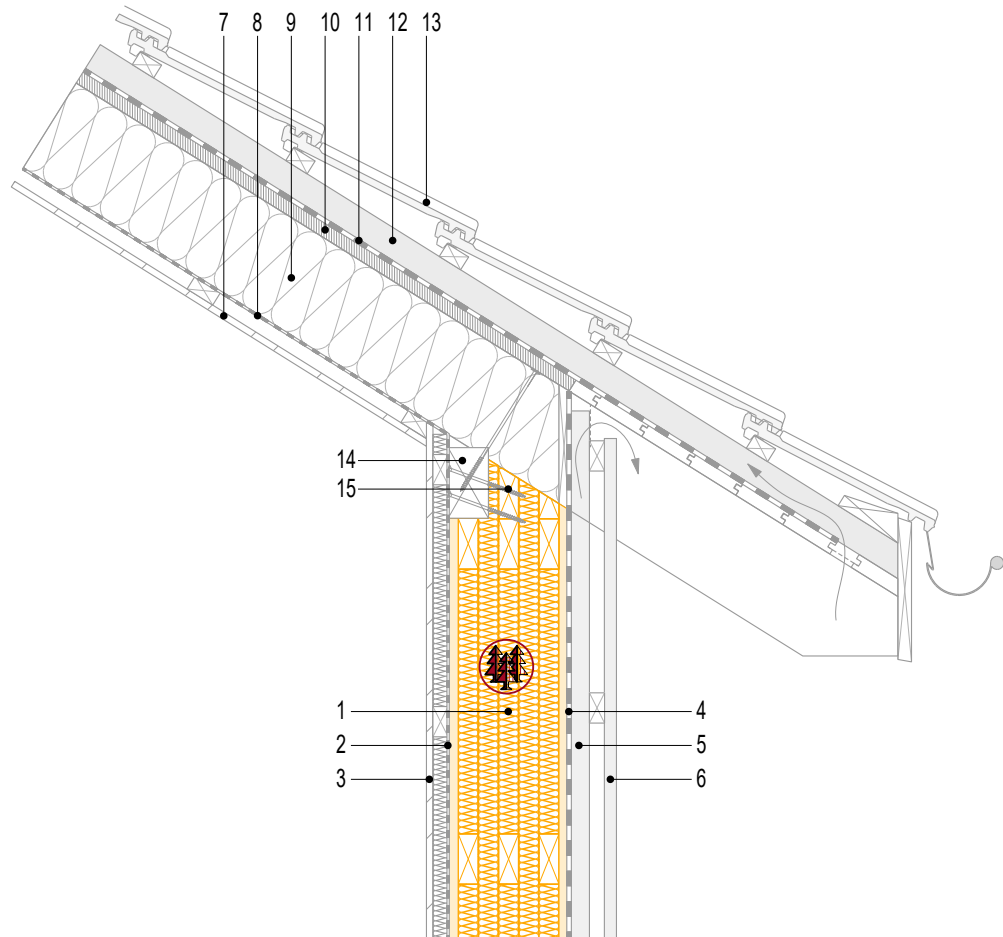
- |                                                         |                                   |
|---------------------------------------------------------|-----------------------------------|
| 1 CL-Therm wall                                         | 9 Sloped insulation               |
| 2 Vapor barrier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

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

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## Detail of pitched roof 1



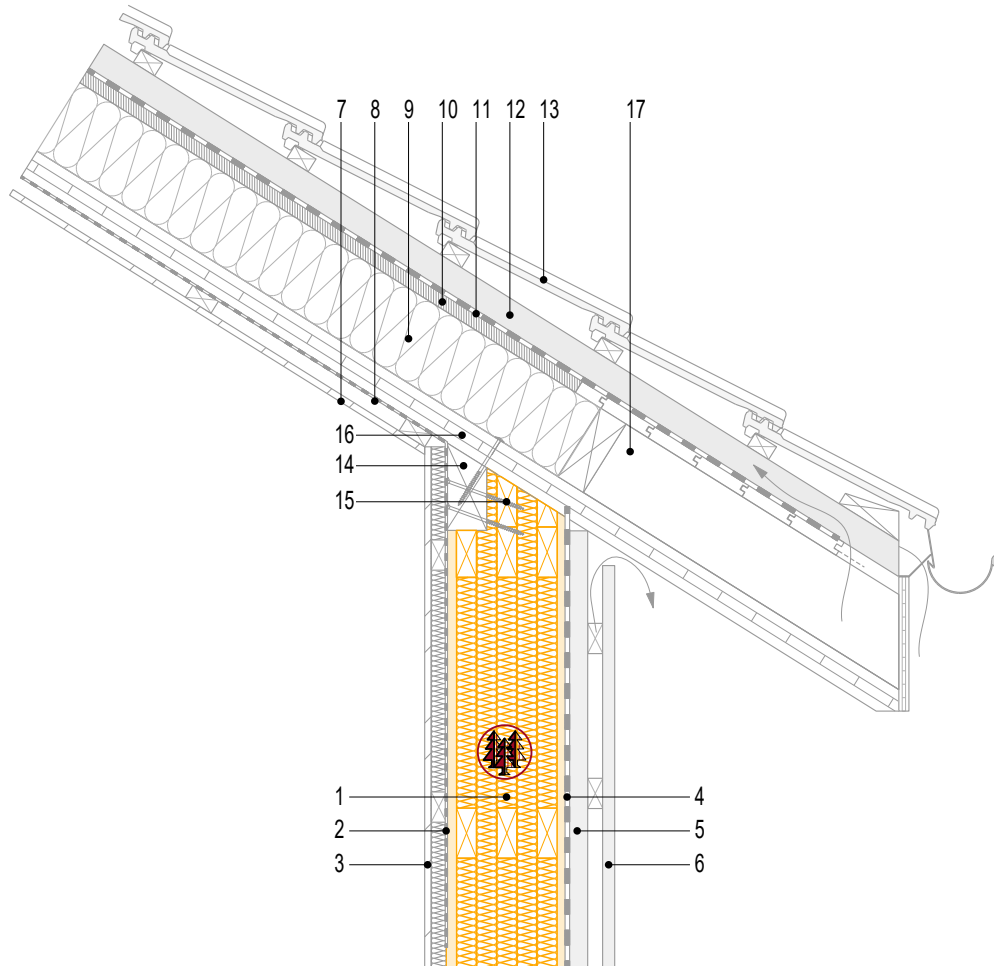
- |                                                         |                                 |
|---------------------------------------------------------|---------------------------------|
| 1 CL-Therm wall                                         | 9 Roofing rafter and insulation |
| 2 Vapor barrier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

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## Detail of pitched roof 2



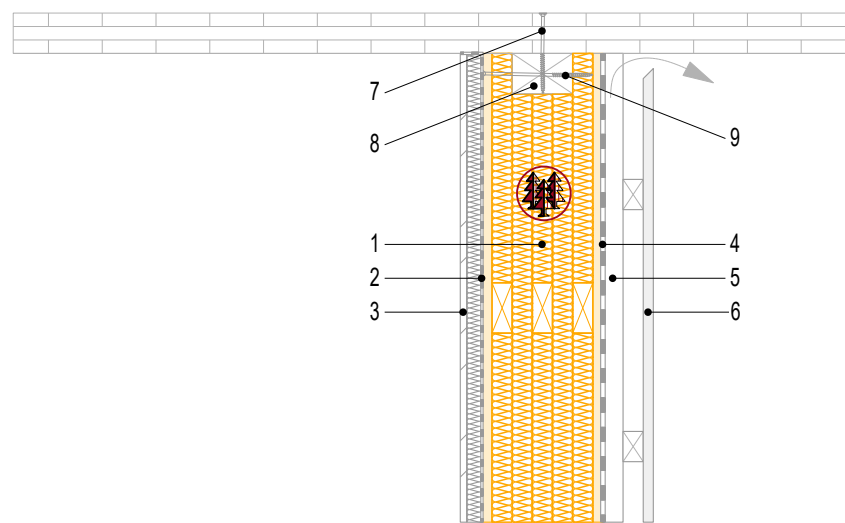
- |                                                         |                               |
|---------------------------------------------------------|-------------------------------|
| 1 CL-Therm wall                                         | 10 Second layer of insulation |
| 2 Vapor barrier (depending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

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

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## 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

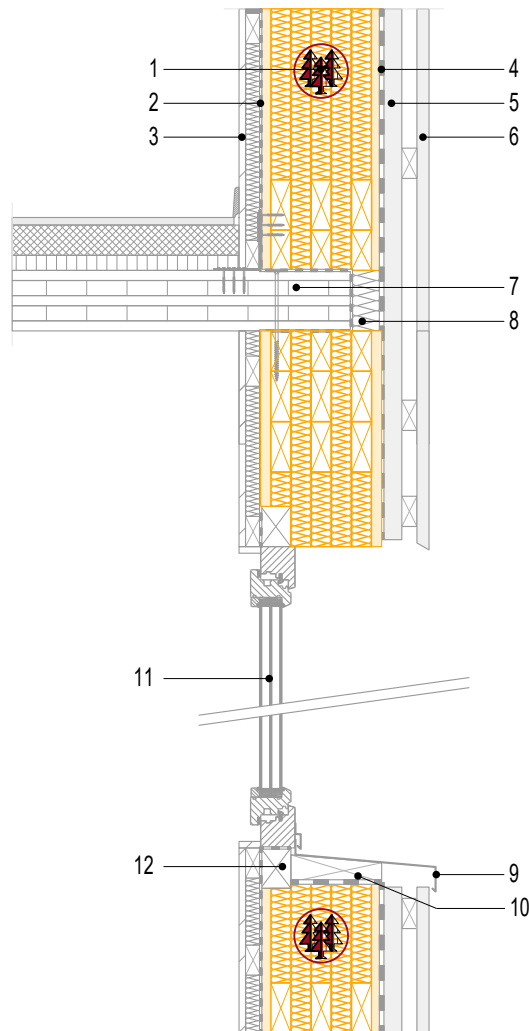
- 6 Exterior timber cladding
- 7 Fasteners
- 8 Wooden beam
- 9 Fasteners

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## Window detail with CL-Therm intel



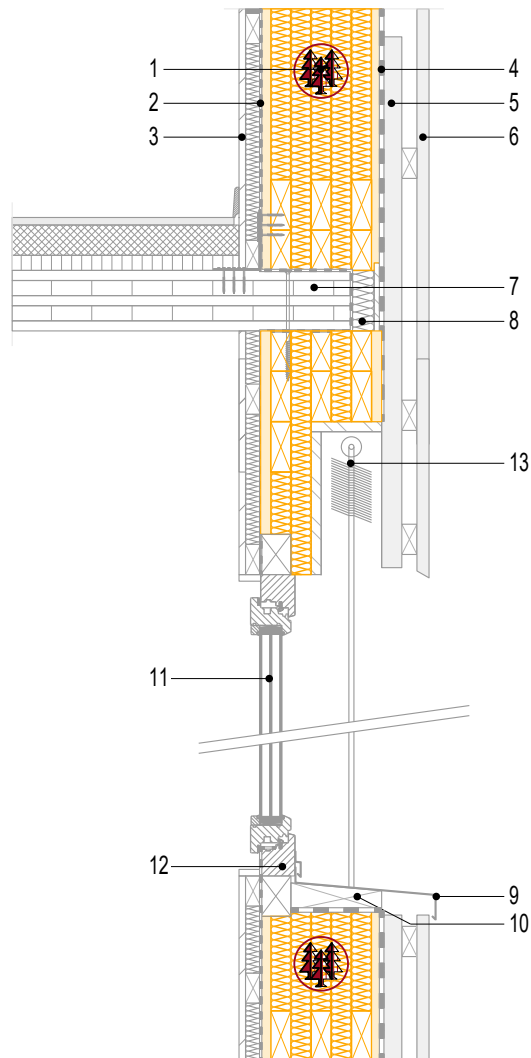
- |                                                         |                                     |
|---------------------------------------------------------|-------------------------------------|
| 1 CL-Therm wall                                         | 7 CLT floor                         |
| 2 Vapor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

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## Window detail with slat blind



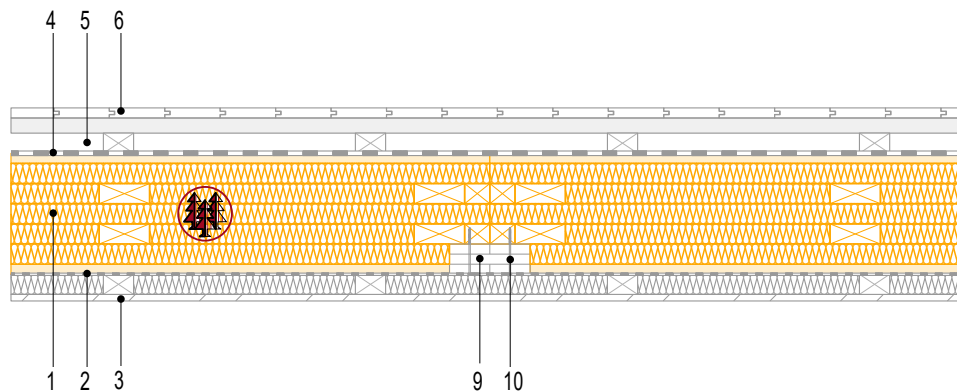
- |                                                         |                          |
|---------------------------------------------------------|--------------------------|
| 1 CL-Therm wall                                         | 9 Steel flashing         |
| 2 Vapor barrier (depending on Building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

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

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## Detail of exterior wall joints 1



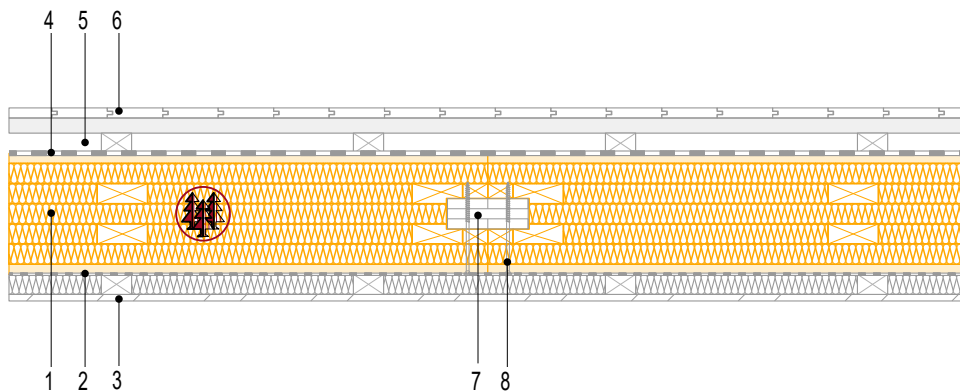
- |                                                         |                                             |
|---------------------------------------------------------|---------------------------------------------|
| 1 CL-Therm wall                                         | 6 Exterior timber cladding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

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## 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

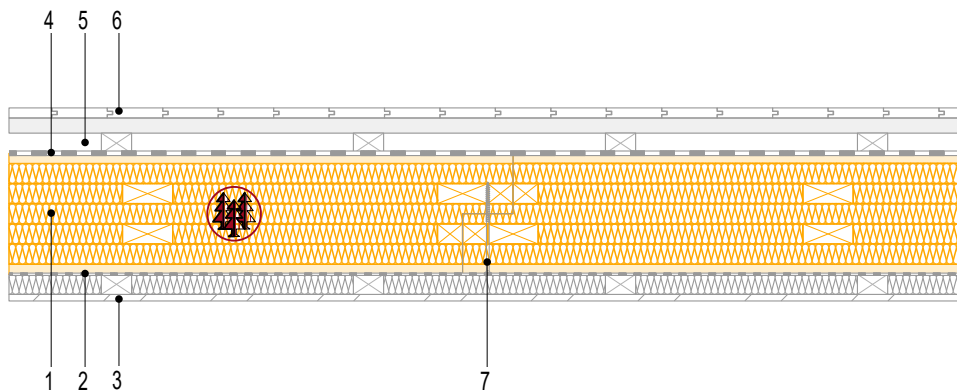
- 5 Airspace, counter battens
- 6 Exterior timber cladding
- 7 Tongue-in-groove
- 8 Connector/fastener (through the lamellas)

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## Detail of exterior wall joints 3



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

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