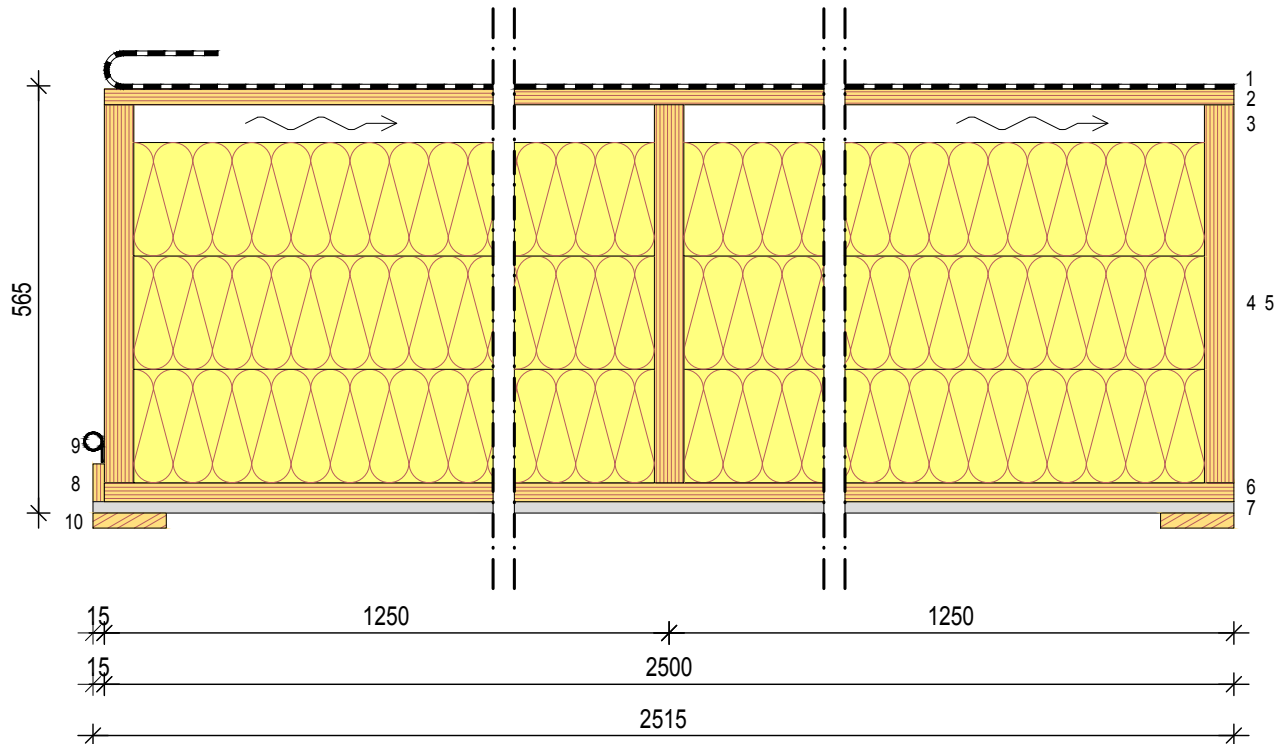


# RIPA roof element

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## STRUCTURAL LAYERS

1. Roofing
2. 21 mm Metsä Wood Spruce plywood (structurally glued)
3. Air gap 50 mm
4. 39 / 57x500 Kerto-S c/c 1225 mm
5. 450 mm mineral wool insulation
6. 25 mm Kerto-Q bottom panel (structurally glued)
7. 15 mm Type F gypsum plaster board
8. 15x50 plywood strips
9. EPDM seal
10. 20x97 timber battens

## TECHNICAL SPECIFICATIONS

- Category: Roof element
- Key benefit: Cost efficient long free span with less material consumption
- Economical span: 12 m
- Resistance to fire class: REI 60
- Thickness: 565 mm
- Airborne sound reduction factor: 31 dB
- Thermal properties: U-value 0,09 W/m<sup>2</sup>K