

2)

R-MER LOC

directional clip (optionally turned)

directional profile (optionally turned)

Technical cross-section diagram of a roof ridge assembly. The diagram illustrates the construction layers and components for a roof ridge, showing the transition from a vertical wall to a sloped roof structure.

Labels and Components:

- square timber (fixed with supporting angle)
- insulation
- transition sheet
- wall covering
- R-MER folded up at ridge side
- closure
- profile filler - top side
- directional clip/directional profile
- fixed point (acc. statics requirement)
- thermal isolation strip

build up:

- R-MER LOC
- protective layer (optional)
- insulation, compressed between double layer of Z-profiles
- vapour barrier

R-MER LOC

protective layer
(optional)

insulation, compressed
between double layer
of Z-profiles

vapour barrier

Diagram illustrating the effect of a ventilation closure on a fire plume. A red line represents the fire plume, and a green line represents the ventilation closure. The diagram shows the fire plume being deflected downwards by the closure, with labels 'wall connection' and 'ventilation closure'.

AutoCAD\R-MER Loc\E3.5.1 wall connection of ridge\E3.5.1.02 with directional clip\E3.5.1.02.dwg