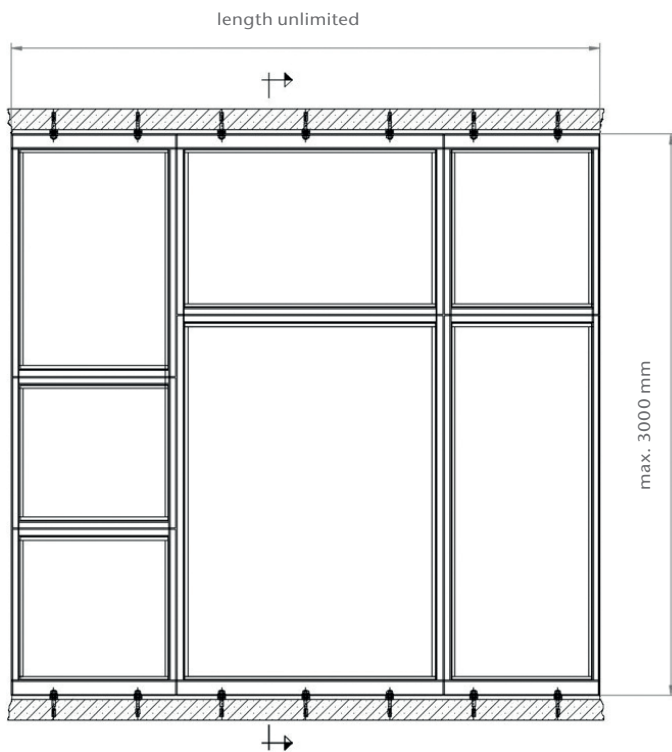


SCHOTT PYRANOVA® for glass floors

SCHOTT PYRANOVA® Special glass. Stay cool, calm and collected.

PYRANOVA® special glass is a clear, laminated composite glass that is made up of several thin panes of float glass. A transparent, fire resistant layer that foams up in the event of a fire has been placed between the panes. When used in fire resistant glazing, PYRANOVA® special glass prevents the passage of fire, smoke and heat radiation. Due to its structure, the standard construction of PYRANOVA® special glass is a safety glass according to EN 14449. PYRANOVA® special glass when used as a component in fire resistant glazing meets the requirements of fire resistance classes EI 15 to EI 120.

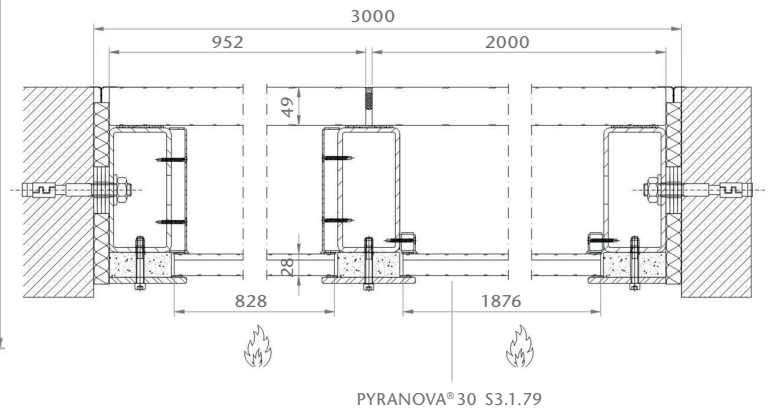
Fire resistant glazing with PYRANOVA® special glass acts as a barrier against the spread of fire, smoke and heat radiation in the event of fire. The float glass pane facing the fire cracks. The enclosed, transparent fire resistant layers foam up and form an opaque heat shield, which prevents the passage of heat radiation in case of fire. The requirements for EI glazing are met, if the temperature rise on the non-fire side does not exceed 140 °C (average) or 180°C in any one position. Depending on the thickness of the glass composite, the fire resistance time can be influenced accordingly.



Drawing of floor assembly: top view

Walkable glass with SCHOTT PYRANOVA®

- Fire resistant glass thickness: 28 mm
- Walkable glass thickness: 49 mm (max. load: 5 kN/m²)
- Fire resistance: REI 60
- Max. approved sheet size: 1400 mm x 2000 mm
- Official fire test with static load on the walkable glass
- Frame: standard steel tube profile
- Test: according EN 1365-2
- Classification report: REI 60



Drawing of floor assembly: side view

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SCHOTT
glass made of ideas