

Notes:

- installation instructions in [TDS](#)
- apply joint seal in opening, flush with wall/floor on 2 sides
- **other pipe dØ + s1** (thickness) are allowed within range and same pipe material
- EI for flexible walls ≥100mm is also applicable for **rigid walls** ≥100mm
- angle: perpendicular + all angles between 90° and 45°

principle detail

Firetect®

tested property
test method
service no.

fire resistance
EN 1366-3
8-3-4



copper pipes

Acrylic sealant

| service type ¹⁾ | | pipe insulation | EI | constructive element ²⁾ | Firetect joint seal | | application | backing | max. opening | pipe end | max. angle | |
|----------------------------|---------|----------------------|--------|------------------------------------|-------------------------|-------|--------------|----------|-----------------|-----------------|--|-----------------|
| dØ (mm) | s1 (mm) | PA coating DFT 0,8mm | | | width | depth | 1 or 2 sides | required | in construction | configuration | | |
| up to | | | | | | | | | | | | |
| Ø8 | 1,0 | - | EI 180 | rigid walls ≥ 150 mm | 8 mm bead | | 1 side | - | 8 mm | C/U + U/C + C/C | perpendicular + all angles between 90° and 45° | |
| Ø8 | 1,0 | - | EI 180 | rigid floors ≥ 150 mm | 8 mm bead | | 1 side | - | 8 mm | C/U + U/C + C/C | | |
| Ø8 | 1,0 | PA coating | 200 LI | EI 90 | flexible walls ≥ 100 mm | - | 2 sides | - | 8 mm | C/U + U/C + C/C | | |
| Ø12 | 1,0 | - | EI 120 | rigid walls ≥ 150 mm | 10 mm | 25 mm | 2 sides | - | 32 mm | C/U + U/C + C/C | | |
| | | - | EI 120 | rigid floors ≥ 150 mm | 10 mm | 25 mm | 2 sides | - | 32 mm | C/U + U/C + C/C | | |
| | | PA coating | 200 LI | EI 90 | flexible walls ≥ 100 mm | 10 mm | 25 mm | 2 sides | - | 32 mm | | C/U + U/C + C/C |
| Ø15 | 1,0 | - | EI 120 | rigid walls ≥ 150 mm | 15 mm | 25 mm | 2 sides | - | 44 mm | C/U + U/C + C/C | | |
| | | - | EI 120 | rigid floors ≥ 150 mm | 15 mm | 25 mm | 2 sides | - | 44 mm | C/U + U/C + C/C | | |
| | | PA coating | 200 LI | EI 60 | flexible walls ≥ 100 mm | 10 mm | 25 mm | 2 sides | - | 35 mm | | C/U + U/C + C/C |
| Ø22 | 1,1 | - | EI 60 | rigid walls ≥ 150 mm | 10 mm | 25 mm | 2 sides | - | 44 mm | C/U + U/C + C/C | | |
| | | - | EI 60 | rigid floors ≥ 150 mm | 10 mm | 25 mm | 2 sides | - | 44 mm | C/U + U/C + C/C | | |
| | | PA coating | 200 LI | EI 60 | flexible walls ≥ 100 mm | 10 mm | 25 mm | 2 sides | - | 42 mm | | C/U + U/C + C/C |
| max. | | | | | | | | | | | | |
| Ø28 | 1,2 | - | EI 60 | rigid walls ≥ 150 mm | 11 mm | 25 mm | 2 sides | - | 50 mm | C/U + U/C + C/C | | |
| | | - | EI 60 | rigid floors ≥ 150 mm | 11 mm | 25 mm | 2 sides | - | 50 mm | C/U + U/C + C/C | | |

¹⁾ Penetration services must be supported; support distance ≤ 500mm (wall) or ≤ 400mm (floor).

²⁾ Constructive element must be classified acc. EN 13501-2 for the required fire resistance period. EI for flexible walls ≥100mm is also applicable for **rigid walls** ≥100mm!