



PP-R pipes

pipe Ø (mm) pipe type pipe thickness (mm) construct. type

individual test results ≤ Ø110 mm

≤ Ø110 Blue pipes	PP-R	(3,7 up to 10,0)	1+2+3+5
	Ø 40	3,7 mm	
	Ø 75	6,8 mm	
Ø 110	10,0 mm		

≤ Ø110 Green pipes	PP-R	(5,5 up to 15,1)	1+2+3+5
	Ø 40	5,5 mm	
	Ø 75	10,3 mm	
Ø 110	15,1 mm		

DLS system:	cable basket:	5
	pipe + cable config.	
≤ 3x Blue Ø63 x 5,8mm + Thermaflex 25mm 750LI 9x TKF RTPR 5x2,5mm ² 9x YmzK 5x2,5mm ² 11x Dynamic 2x1,5mm ² 40x HCS CAD7 in FR mortar or PA board		

Graphite DoP CPR-14/0273 or **FMU collar** DoP CPR-14/0251

Graphite		FMU collar	
walls	floors	walls	floors
EI 120 U/C joint 10x40mm	EI 240 U/C joint 15x40mm	EI 120 U/C	EI 240 U/C
EI 120 U/C joint 10x40mm	EI 240 U/C joint 15x40mm	EI 90 U/C	EI 120 U/C
EI 120 U/C joint 10x40mm	EI 180 U/C joint 15x40mm	EI 30 U/C	EI 90 U/C
EI 120 U/C joint 10x40mm	EI 240 U/C joint 15x40mm	EI 60 U/C	EI 180 U/C
EI 120 U/C joint 10x40mm	EI 180 U/C joint 15x40mm	EI 30 U/C	EI 120 U/C
EI 60 U/C joint 10x40mm	EI 90 U/C joint 15x40mm	EI 60 U/C	EI 120 U/C

pipe penetrations:
[EI 60 U/C](#)
joint 15 x 40 mm

cable penetrations:
see chart CABLES

pipe penetrations:
[EI 60 U/C](#)
with PA board screws

cable penetrations:
see chart CABLES

opening in supporting construction

max. opening (mm) **FR mortar** DoP CPR-14/0260 or **PA board** DoP CPR-14/0260

graphite in walls: pipe Ø + 20mm
graphite in floors: pipe Ø + 30mm

collar: pipe Ø

graphite in walls: pipe Ø + 20mm
graphite in floors: pipe Ø + 30mm

collar: pipe Ø

600 x 800 mm

FR mortar
100mm

PA board
2x 50mm 2S

- 1 walls: metal stud ≥100mm
- 2 walls: blockwork ≥100mm
- 3 walls: blockwork ≥150mm
- 5 floors: aerated concrete ≥150mm

mastic: apply on **2 sides**, also in floors!

joint details: min. W x D in mm

collar: apply with smoke seal Acrylic on **2 sides**, also in floors!

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