



**PE-Xa (Aqua) pipes + conduits**

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

**individual test results ≤ Ø32 (54) mm**

≤ Ø32	PE-Xa (2,2 up to 4,4)	1+2+3+5
	Ø 15 (28) 2,5 mm	
	Ø 16 (25) 2,2 mm	
Uponor pipe insulation	PE-Xa (2,2 up to 4,4)	1+2+3+5
	Ø 15 (28) 2,5 mm + Uponor foam 10mm 1000CS	
	Ø 16 (25) 2,2 mm + Uponor foam 10mm 1000CS	
	Ø 32 (54) 4,4 mm + Uponor foam 20mm 1000CS	

Graphite DoP CPR-14/0273    or    Acrylic or PA sealer DoP CPR-14/0273

walls	floors	walls	floors
EI 90 U/C joint 10x25mm	EI 240 U/C joint 15x25mm	EI 90 U/C joint 10x25mm	EI 240 U/C joint 15x25mm
EI 120 U/C joint 10x25mm	EI 240 U/C joint 15x25mm	EI 120 U/C joint 10x25mm	EI 240 U/C joint 15x25mm
EI 120 U/C joint 10x25mm	EI 240 U/C joint 15x25mm	EI 60 U/C joint 10x25mm	EI 180 U/C joint 15x25mm
EI 120 U/C joint 10x25mm	EI 240 U/C joint 15x25mm		
EI 120 U/C joint 10x25mm	EI 240 U/C joint 15x25mm		
EI 90 U/C joint 10x25mm	EI 90 U/C joint 15x25mm		

opening in supporting construction

max. opening (mm)
walls: pipe Ø + 20mm floors: pipe Ø + 30mm
walls: pipe Ø + 20mm floors: pipe Ø + 30mm
walls: pipe Ø + 20mm floors: pipe Ø + 30mm
walls: pipe Ø + 40mm floors: pipe Ø + 50mm
walls: pipe Ø + 40mm floors: pipe Ø + 50mm
walls: pipe Ø + 60mm floors: pipe Ø + 70mm

PE-Xa in **shaft** wall with cables  
see chart CABLES

**'eccentric to zero' position in opening is allowed !**

mastic: apply on **2 sides**, also in floors!  
joint details: min. W x D in mm  
pipe insulation LS = **total** length in mm through construction

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

**NOTE:**  
aluPE-X pipes: see [page 1](#)

[go to INDEX](#)