

**FLOOR CLASS EI 180**width min. 150 mm density 1700 kg/m<sup>3</sup>

Pipe material	Pipe diameter [mm]	Pipe wall thickness [mm]	Intumescent material width [mm]	Intumescent material thickness [mm]
PP	D≤110 1)	3,2	60	6,5
PVC	D≤110 1)	2,2	60	6,5
PVC	D≤110 2)	4,2	60	6,5

1) Pipe elbow diameter is 130mm for 110mm diameter pipes, it should be proportionally reduced for smaller pipes; the wall thickness of the elbow is 3.2 mm

2) Pipe elbow diameter is 136mm for 110mm diameter pipes, it should be proportionally reduced for smaller pipes; the wall thickness of the elbow is 4.2 mm