

AIR CONTROL SERVICES classification

Fire performances are principle configurations, valid for steel services within range:

fire dampers up to 600 x 300 mm

air ducts up to 1000 x 1000 mm

always install services acc. manufacturer's instructions

service size service specs construct. type

fire dampers	max. 600 x 300 mm installation in firewall, supported to floor acc. EN 1366-3 acc. EN 1634-3
	upgrade towards firewall, supported to floor acc. EN 1366-2 acc. EN 1634-3
	max. ∅ 125 mm in spiral pipes with or without valve acc. EN 1366-3

air ducts	max. 1000 x 1000 mm duct cladding acc. EN 1366-3 walls, max. 500 x 500 mm acc. EN 1634-3 floors, max. 1000 x 1000 mm
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air transfer grilles	max. 600 x 600 mm ventilation acc. EN 1364-5
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construct. type

flexible + rigid walls + rigid floors

- 1: flexible wall ≥100mm
- 2: rigid wall ≥100mm
- 3: rigid wall ≥150mm
- 4: flexible ceiling ≥150mm
- 5: rigid floor ≥150mm

suitable Firetect products within classification:

PA board DoP CPR-14/0260	PA coating DoP CPR-14/0260	Air grill
EI 90 in wall 1+2+3		
EI 60 in wall 1+2+3 cladding: 1x 50mm 2S		
	EI 120 in wall 1+2+3	
	EI 120 in ceiling 4 EI 120 in floor 5	
EI 60 in wall 1+2+3 cladding: 1x 50mm 1S		
EI 60 in floor 5 cladding: 1x 50mm 1S		
"butter" cross cut edges of PA board + opening with PA coating apply smoke seal Acrylic	0,8mm coat layer 200 LI walls: apply on 2 sides floors: apply on 1 side apply smoke seal Acrylic	mount with Acrylic sealant walls: apply centrally in wall floors: apply flush with floor

Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.

opening in supporting construction		
max. opening (mm)	PA board	FR mortar
900x596	2x 50mm 2S	100mm
900x596	2x 50mm 2S	100mm
130		
130		
700x700	2x 50mm 2S	100mm
1200x1200	1x 60mm 2S	60mm
610x610		
605x605		

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