



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. Ø 125 mm

in spiral pipes
 with or without valve
 acc. EN 1366-3

air ducts

mm

duct cladding
 acc. EN 1366-3 walls, max. 500 x 500 mm
 acc. EN 1634-3 floors, max. 1000 x 1000 mm

air transfer grilles

max. 600 x 600 mm

ventilation
 acc. EN 1364-5

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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