



air control - principle configurations

size in mm	service type + specs	construct. type	EN test norm	Firetect fireseal	support distance (mm)	opening in supporting construction	finish
ventilation grills							
≤ 600x600	rectangular or circular walls: 600x600x40mm floors: 600x600x60mm	1+2+3+5	EN 1364-5	Air grill EI 60 in walls 1+2+3 mount with Acrylic EI 120 in floors mount with Acrylic		max. opening (mm) PA board DoP CPR-14/0260 610x610 605x605	PA coating DoP CPR-14/0260
fire dampers							
≤ 600x300	rectangular steel upgrade towards firewall	1+2+3	EN 1366-2 + EN 1634-3	PA board DoP CPR-14/0260 EI 60 in walls 1+2+3 joint 5x25mm with Acrylic on 2 sides	fire damper supported to floor, NOT to wall !	900x596	2x 50mm 2S
≤ 600x300	rectangular steel installation in firewall	1+2+3	EN 1366-3 + EN 1634-3	EI 90 in walls 1+2+3 joint 5x25mm with Acrylic on 2 sides		900x596	2x 50mm 2S
spiral pipe with fire dampers							
≤ Ø125	spiral Ø125 (0,6) with circular fire damper with or without valve	1+2+3+4+5	EN 1366-3	PA coating DoP CPR-14/0260 EI 120 in walls 1+2+3 apply with smoke seal Acrylic EI 120 in floors 4+5 apply with smoke seal Acrylic		130 130	200 LI on 2 sides coat layer 0,8-1,0mm 200mm on 1 side coat layer 0,8-1,0mm
duct cladding							
≤ 500x500	rectangular steel in walls	1+2+3	EN 1366-3 + EN 1634-3	PA board DoP CPR-14/0260 EI 60 C/U in walls 1+2+3 cladding: 1x 50mm 1S, 1500mm LI apply with smoke seal Acrylic		700x700	2x 50mm 2S
≤ 1000x1000	rectangular steel in floors	5	EN 1366-3	EI 60 C/U in floors cladding: 1x 50mm 1S, 1500mm LI apply with smoke seal Acrylic		1200x1200	1x 60mm 2S

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

'butter' cross cut edges of 'PA board
+ opening with PA coating

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