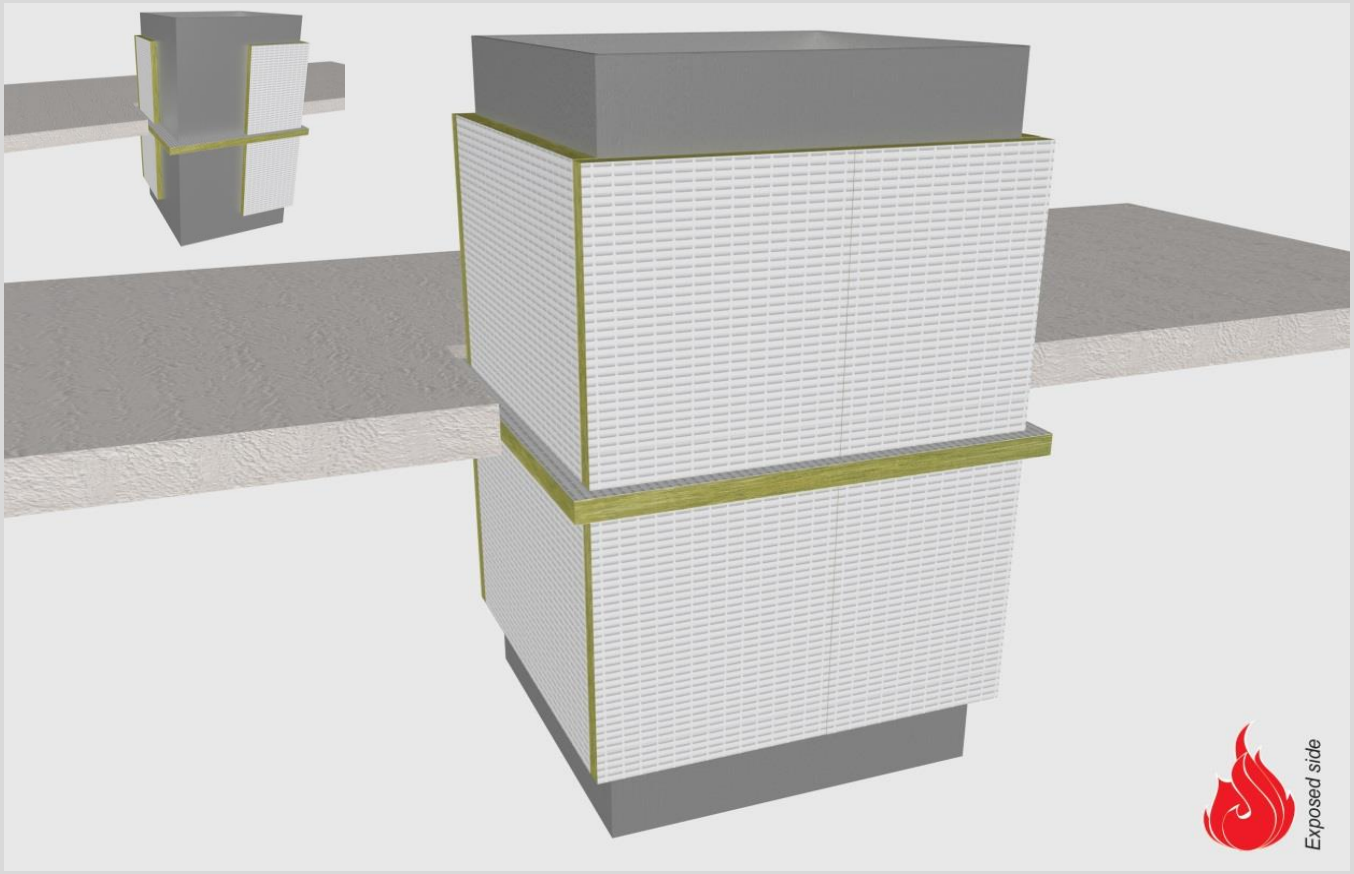
Notes:

- installation instructions in TDS
- secure board-to-board connections with Firetect PA spirals
- for esthetics: finish cross cut edges with Firetect PA coating
- EI for flexible walls ≥100mm is also applicable for **rigid walls** ≥100mm

principle configuration Firetect®

tested property	fire resistance
test method	EN 1366-3
service no.	0039
tested property	smoke resistance
test method	EN 1634-3



air ducts

PA board

air duct specs [1]	EI	constructive element [2]	Firetect fire board default: 50mm	application 1 or 2 sides	max. opening in construction	finish required
rectangular shape						
max. 500 x 500 mm service: steel duct cladding acc. EN 1366-3	EI 60	flexible walls ≥ 100 mm	1500 LI cladding: 1 layer 1S opening: 2x 1S	2 sides	700 x 700 mm	-
max. 500 x 500 mm service: steel duct cladding acc. EN 1366-3	EI 60	rigid walls ≥ 150 mm	1500 LI cladding: 1 layer 1S opening: 2x 1S	2 sides	700 x 700 mm	-
max. 1000 x 1000 mm service: steel duct cladding acc. EN 1366-3	EI 60	rigid floors ≥ 150 mm	1500 LI cladding: 1 layer 1S opening: 1x 60mm 2S	2 sides	1200 x 1200 mm	-

in PA board 2S 50 mm

[1] Penetration services must be supported; always install services acc. manufacturer's instructions.

[2] Constructive element must be classified acc. EN 13501-2 for the required fire resistance period. **EI for flexible walls ≥100mm is also applicable for rigid walls ≥100mm!**