

LINEAR JOINTS classification

Fire performances are valid for structural (linear) joints within range:

joint width up to 100 mm
expansion up to 25%

suitable Firetect products within classification:

Flex strip DoP CPR-15/0630		Acrylic sealant or PA sealer DoP CPR-15/0630		Silicone sealant DoP CPR-15/0630	
walls	floors	walls	floors	walls	floors
vertical + horizontal, incl. abutting floors	horizontal, incl. abutting walls	vertical	horizontal, incl. abutting walls	vertical + horizontal, incl. abutting floors	horizontal, incl. abutting walls
EI 120 T-M025-F 00-11 horizontal	results max. EI 240 H-M025-F-W 00-11 horizontal				
EI 120 T-M025-F-W 00-25 horizontal	results max. EI 180 H-M025-F-W 00-25 horizontal				
EI 90 V-M025-F-W 00 25 vertical					
results max. EI 120 T-M025-F-W 00-50 horizontal	results max. EI 120 H-M025-F-W 00-50 horizontal	results max. EI 90 V-M007-F-W 00-50 vertical	EI 120 H-M007-F-W 00-50 horizontal	EI 60 T-M025-F-W 00-50 horizontal	EI 120 H-M025-F-W 00-50 horizontal
EI 60 V-M025-F-W 00-50 vertical			0	results max. EI 240 V-M025-F-W 00-50 vertical	
				EI 60 V-M025-F-W 00-99 vertical	
default: joint width = strip width (nominal) friction-fixed: max. expansion 40%		joint details: width: full width depth: see principle detail self-adhering: max. expansion 12,5%		joint details: width: full width depth: see principle detail self-adhering: max. expansion 25%	

supporting construction

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

opening	joint width	construct. type
joints max. 100 mm	max. 11 mm	flexible + rigid walls + rigid floors
	max. 25 mm	
	max. 50 mm	
	max. 100 mm	

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

Orientation

H = horizontal supporting construction
V = vertical supporting construction - vertical joint
T = vertical supporting construction - horizontal joint

Movement capability

X = no movement
M000 = movement induced (%)

Joint widths range (mm)

W00 to 99

▶ INDEX

PE + PP + PVC

plastic cable conduits

PP-R

PP-MD

PP-MX

aluPE-X

PE-Xa

copper

steel

steel conduits

trays + ladders + wire mesh

cables + bundles

fire dampers

air transfer grilles

duct cladding

linear joints

socket boxes

blank seals

EN norms for plastic pipes

how-to-read

acoustical

environmental