




tested property
test method
service no.

fire resistance
EN 1366-3
22-9

aluPE-X pipes

Graphite sealant

service type ¹⁾ pipe insulation ²⁾  EI constructive element ³⁾ Firetect joint seal application backing max. opening pipe end max. angle
 dØ (mm) s1 (mm) min. 75 kg/m³ eg Climpipe, Rockwool or U Protect Pipe Section Alu2 width depth 1 or 2 sides required in construction configuration

Ø16	2,0	glass / rock wool 20mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	86 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
		30mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	106 mm	U/C + C/C	
		40mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	126 mm	U/C + C/C	
		50mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	146 mm	U/C + C/C	
		60mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	166 mm	U/C + C/C	
		80mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	220 mm	U/C + C/C	
max.												
Ø75	7,5	glass / rock wool 20mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	150 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
		30mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	165 mm	U/C + C/C	
		40mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	185 mm	U/C + C/C	
		50mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	205 mm	U/C + C/C	
		60mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	225 mm	U/C + C/C	
		80mm	1200 CS + CI	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	265 mm	U/C + C/C	

¹⁾ Penetration services must be supported; support distance ≤ 400mm.

²⁾ Pipe insulation must be fastened individually (not wrapped!) with steel wire; at max. 50mm + 300mm from constructive element.

³⁾ Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.