



Sacos intumescentes EI120 (pared) / EI180 (forjado)

ROKU® System FPP-N

Fire resistance rating:

EI 90 / 120 / 180 according to EN 13501

Approvals:

Europe: ETA submitted



Description

The ROKU® System FPP-N consists of the high performance cooling ROKU® FPP-N fire protection pillows. The system features a very low effort in mounting. The ROKU® fire protection pillows can be used for permanent and temporary sealing. They can be used several times without losing their technical properties.

Applications

- Sealing of cables and electrical lines up to max. 80 mm single diameter
- Application in solid walls, drywall partitions and solid floors
- Especially designed for EDP rooms because of an dust and fibre-free material

Advantages

- Can be used for permanent and temporary sealing
- Easy and excellent usability
- High flexibility
- Easy installation and subsequent installation
- No additional sealing necessary

Supplied form

FPP-N fire protection pillows			Accessories	
Size	Dimension (mm)	Art-No.	Description	Art-No.
Size small	250 x 60 x 30 mm	0708000013	Label	0750050060
Size medium	250 x 130 x 35 mm	0708000014		
Size large	250 x 180 x 35 mm	0708000015		

Technical data

Max. Seal size	600 x 600 x 250 mm		
Size of the pillows	■ Size S: 250 x 60 x 30 mm	■ Size M: 250 x 130 x 35 mm	■ Size L: 250 x 180 x 35 mm
Suitable subsoils	■ Solid walls ≥ 100 mm	■ Drywall partitions ≥ 100 mm	■ Solid floors ≥ 150 mm

Cables	Type of cables	Solid floor ≥ 150 mm cable rack conducted	Result	Solid floor ≥ 150 mm cable rack interrupted	Result	Drywall partition ≥ 100 mm	Result
Cable ≤ 21 mm	A1	E 180 / Ei 180	E 180 / Ei 180	E 180 / Ei 180	E 180 / Ei 120	E 120 / Ei 120	E 120 / Ei 120
	A2	E 180 / Ei 180		E 180 / Ei 120		E 120 / Ei 120	
	A3	E 180 / Ei 180		E 180 / Ei 180		E 120 / Ei 120	
	B	E 180 / Ei 180		E 180 / Ei 180		E 120 / Ei 120	
Cable ≤ 50 mm	C1	E 180 / Ei 120	E 180 / Ei 120	E 180 / Ei 180	E 180 / Ei 90	E 120 / Ei 120	E 120 / Ei 90
	C2	E 180 / Ei 120		E 180 / Ei 180		E 120 / Ei 120	
	C3	E 180 / Ei 120		E 180 / Ei 120		E 120 / Ei 120	
	E	E 180 / Ei 120		E 180 / Ei 90		E 120 / Ei 90	
Cable ≤ 80 mm	D1	E 180 / Ei 120	E 180 / Ei 120	E 180 / Ei 120	E 180 / Ei 90	E 120 / Ei 120	E 120 / Ei 90
	D2	E 180 / Ei 180		E 180 / Ei 180		E 120 / Ei 120	
	D3	E 180 / Ei 180		E 180 / Ei 90		E 120 / Ei 90	
	G1	E 180 / Ei 120		E 180 / Ei 90		E 120 / Ei 120	
	G2	E 180 / Ei 180	E 180 / Ei 90	E 120 / Ei 120			
	Empty conduit ≤ 16 mm steel	E 180 / Ei 180	E 180 / Ei 180	E 120 / Ei 120			
	Empty conduit ≤ 16 mm plastic	E 180 / Ei 180	E 180 / Ei 120	E 120 / Ei 120			
	F Cable bundle ≤ 100 mm	E 180 / Ei 120	E 180 / Ei 120	E 120 / Ei 120			
	Empty conduit	E 180 / Ei 120	E 180 / Ei 120	E 120 / Ei 120			

Assembly possibilities



1 Clean the aperture and remove all loose parts. Check the correct installation of the cable rack on wall and floor which should be fixed by at least 25 cm after leaving the surface on the floor or wall.



2 If possible, provide one layer of pillows underneath the cable bundle or cable rack.



3 Stuff all other layers of fire protection pillows very tightly around the cables. For that purpose the use of pillows in different sizes is recommended.



4 At a component thickness < 250 mm the building component must be doubled with non-combustible building panels to the minimum thickness of 250 mm. The steel grid at the bottom side of the opening is for installation of the fire protection pillows.



5 The application in drywall partitions > 100 mm is possible.



6 Make sure that the fire protection pillows are installed in a staggered pattern. Finally apply the label.