

Firestop cable disc CFS-D



Applications

- Pre-formed firestopping solution for single cables and small cable bundles in openings up to max. 25 mm

Advantages

- Simple – sealant-free installation
- Fast – installed in 10 seconds
- Powerful – broad application range



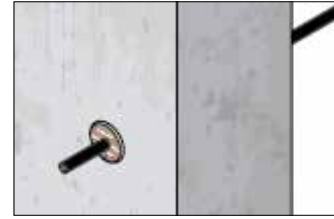
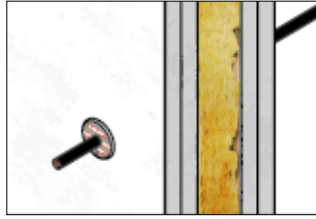
Technical data

Colour	Red
Base materials	Concrete, Masonry, Drywall
Application temperature range	0 - 40 °C
Acoustics performance	Test report available
Approx. density	1600 kg/m³
Mould and mildew performance	Class 0 (EN ISO 846)
Intumescent	No
Approvals	ETA-16/0050
Can be painted	No
Electrical resistance data	Non-conductive
European VOC	Available
Packaging	Box



Order description	Packaging contents	Sales pack quantity	Item number
CFS-D 25	1 x Firstop cable disc CFS-D 1"/25	32 pc	2116246

General information



Partition	Flexible wall	Rigid wall
Base material thickness (t_e)	≥ 100 mm	≥ 100 mm
Opening size	Ø < 25 mm or 25 x 25 mm	
Fixing to wall	Self-adhesive	
Gap filler	Not relevant	
Penetration	Single cables and cable bundles Plastic conduits and copper pipes	

Main approved applications

Excerpt of ETA document. Check the exact field of application for each penetrant (type, diameter) in the ETA 16/0050 document.

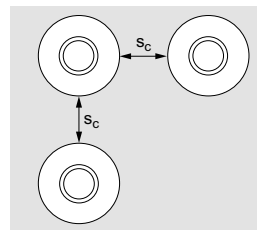
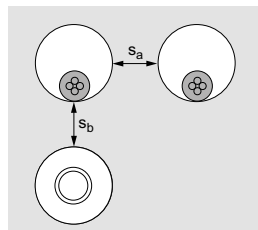


	Penetration: Cables*	Cable (Ø mm)	Flexible wall	Rigid wall
	Multi-conductor cables or bundles copper content ≤ 7.5 mm ²	≤ 13	EI 120	
	Single / Multi-conductor cables or bundles	≤ 19	EI 90	
	All sheathed cables	≤ 21	EI 60	
Penetration: Conduits		Conduit (Ø mm)		
	Plastic conduits and tubes distance to next penetration ≥ 5 mm	≤ 16	EI 60 C/U	
	Plastic conduits and tubes distance to next penetration ≥ 150 mm	≤ 16	EI 90 U/C	
	Copper conduits and tubes distance to next penetration ≥ 150 mm	≤ 16	EI 120 U/U	
No penetration				
	Blank seal	-	EI 90	

*All sheathed cable types currently and commonly used in building practice in Europe e.g. power, control, signal, telecommunication, data, optical fibre cables.

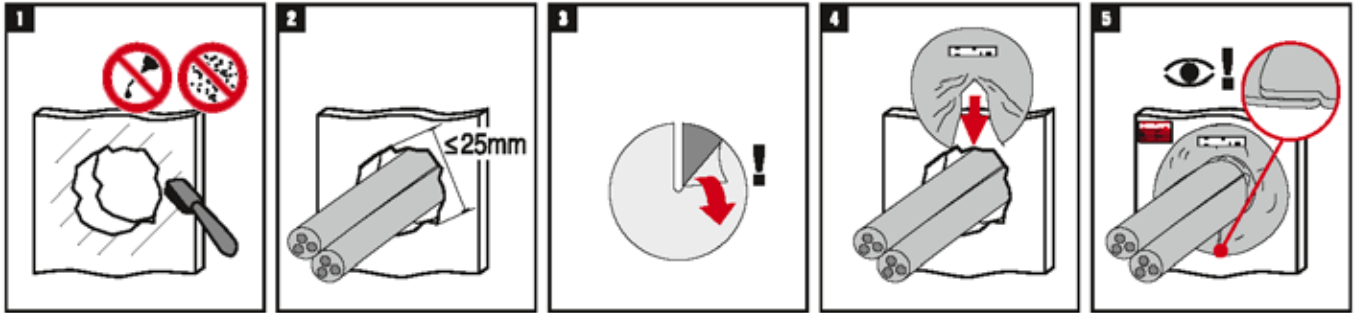
Distance between openings

with cables: s_a ≥ 5 mm
with cables and plastic conduits: s_b ≥ 5 mm
with copper pipes: s_c ≥ 150 mm



Overlap CFS-D when openings are close to each other

General instructions for use



Maximum number of cables or conduits per disc

Conduit Ø (mm)	Maximum number of conduits
10	1
16	1

Cable Ø (mm)	Maximum number of cables
3	50
5	17
8	7
10	4
15	1
18	1
21	1

Characteristics of Hilti Firestop cable disc CFS-D - additional attributes

Characteristics	Assessment of characteristics	Norm, standard, test
Health and the environment Dangerous substances	No dangerous substances VOC A+ VOC compliant	Material safety datasheet Affset regulation AgBB regulation
Protection against noise (air born sound insulation)	Rw (C; Ctr) = 62 (-2;-7) dB with and without cable	EN ISO 717-1
Electrical properties	"Electrical volume resistivity: 7,7 1014 Ωcm"	DIN IEC 60093 (VDE 0303 Part 30 : 1993-12)
Mold and Mildew resistance Durability and serviceability	Class=0	EN ISO 846
Durability and serviceability	Category Y1	ETAG 026-2
Reaction to fire	Class E	EN 13501-1