

Frame plug EJOT SDF-S-10HX180-V

SORMAT CODE 8510180420



- Approved for all common building materials.
- It is advisable to use SDF-KB for fixing metal structures and SDF-S plugs for fixing wooden structures.
- Reliable installation in problematic building material due to optimised expansion part.
- Secure hold due to radial expansion.
- Cr VI-free coating of the screw.
- Double safety lock against torsion for secure installation.
- ZP for dry indoor and temporary outdoor use.

PRODUCT OVERVIEW

Other codes	/
Material	Polyamide / Steel, zinc plated
Packages	outer carton: 50
Weight	59.8 kg / 1000
GTIN-13	4061245019765

APPLICATIONS

- Facade substructures
- Squared timbers
- Angle irons
- Windows frames
- Door frames
- Thick fixtures
- Cabinets and wardrobes

BASE MATERIALS

APPROVED FOR

- Aerated concrete block
- Cracked concrete
- Non-cracked concrete
- Perforated clay brick
- Perforated sand-lime brick
- Solid clay brick
- Solid sand-lime brick

ALSO SUITABLE FOR

- Hollow light expanded clay aggregate block
- Natural stone
- Solid light expanded clay aggregate block

APPROVALS / CERTIFICATES



ETA-10/0305 + DoPs



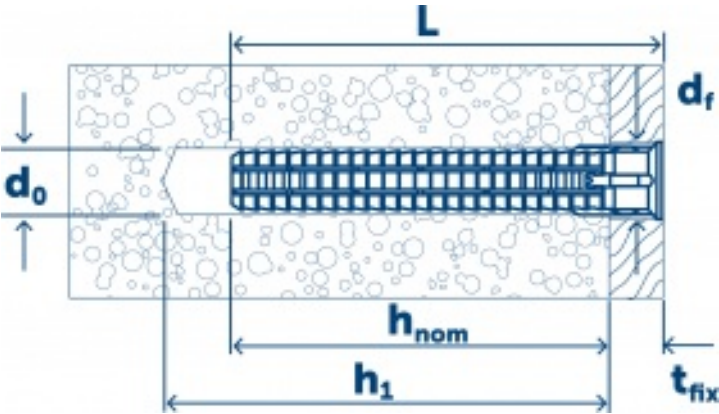
Fire resistance (ETA-10/0305)

Technical data















INSTALLATION DETAILS

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Size	10	Hole in fixture (D_f)	10,5
Length (L)	180	Drill hole diameter (d_0) \varnothing	10
Drive	T40	Minimum drill hole depth	80
Max. fixture thickness (T_{fix})	110	Drill hole depth (h_1)	80
		Nominal setting depth (H_{nom})	70



Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Cracked concrete C12/15	N _{Rec}	70 mm		1.8 kN
Cracked concrete C12/15	V _{Rec}	70 mm		5.3 kN
Non-cracked concrete C12/15	N _{Rec}	70 mm		1.8 kN
Non-cracked concrete C12/15	V _{Rec}	70 mm		5.3 kN
Solid clay brick fb ≥ 20,5 N/mm ²	N _{Rec}	70 mm		1.1 kN
Solid clay brick fb ≥ 20,5 N/mm ²	V _{Rec}	70 mm		1.1 kN
Solid sand-lime brick fb ≥ 20 N/mm ²	N _{Rec}	70 mm		1.3 kN
Solid sand-lime brick fb ≥ 20 N/mm ²	V _{Rec}	70 mm		1.3 kN
Hollow light expanded clay aggregate fb ≥ 2,7 MN/m ²	N _{Rec}	70 mm		0.3 kN
Solid light expanded clay aggregate fb ≥ 3 MN/m ²	N _{Rec}	70 mm		0.4 kN
Light expanded clay aggregate with insulation fb ≥ 4 MN/m ²	N _{Rec}	70 mm		0.55 kN
Aerated concrete AAC 2,5	N _{Rec}	70 mm		0.40 kN
Aerated concrete AAC 4,0	N _{Rec}	70 mm		0.55 kN
Hollow sand-lime brick fb ≥ 20 N/mm ²	N _{Rec}	70 mm		1.00 kN

Installation

