

# Frame plug EJOT SDF-S-10HX220-E

SORMAT CODE 8510220620



- 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.
- A4 for indoor, outdoor and industrial use.

## PRODUCT OVERVIEW

<b>Other codes</b>	/
<b>Material</b>	Polyamide / Stainless steel, A4
<b>Packages</b>	outer carton: 50
<b>Weight</b>	74.4 kg / 1000
<b>GTIN-13</b>	4061245019710

## 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



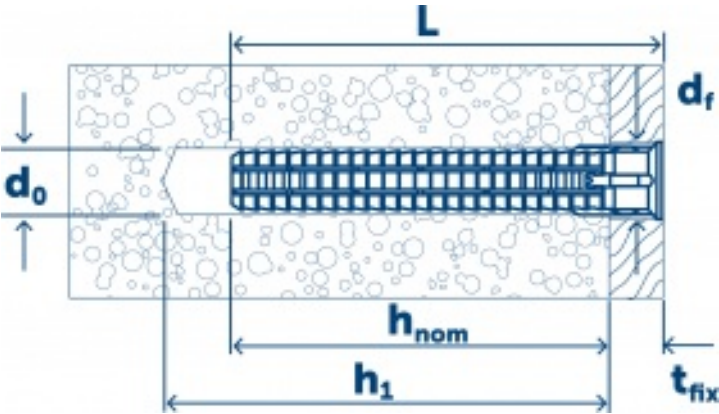
Fire resistance (ETA-10/0305)

## Technical data















### INSTALLATION DETAILS

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Size	10	Hole in fixture ( $D_f$ )	10,5
Length (L)	220	Drill hole diameter ( $d_0$ ) $\varnothing$	10
Drive	T40	Minimum drill hole depth	80
Max. fixture thickness ( $T_{fix}$ )	150	Drill hole depth ( $h_1$ )	80
		Nominal setting depth ( $H_{nom}$ )	70



## Performance data

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

## Installation

