

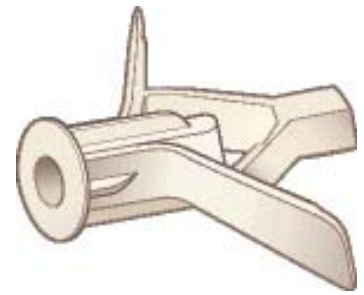
Area of Application

ESSVE SAM Board plug is designed for quick and easy installation in all types of board materials.

Description

The board plug is available in two models: for single, 9-13 mm, and double, 26-28 mm,

board materials. The groove in the Board plug is suitable for screw dimensions 4.5-6.0 mm. It is manufactured of undyed polyamide (nylon) and is therefore age resistant and withstands temperatures from -30° C to +100° C without failing or deforming.



Installation

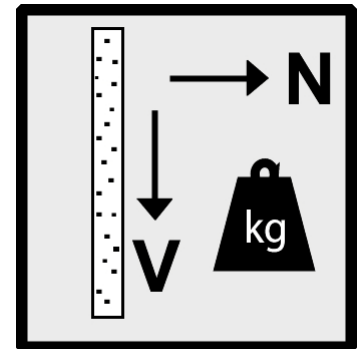
1. Drill hole Ø 10 mm.
2. Push together the board plug.
3. Push in the plug.
4. Hang up the object. Tighten the screw so it is flush against the surface. Now tighten the screw one additional turn, no more.

Specification

Material	Polyamide (nylon) undyed
Age resistant	Withstands temperatures from -30°C to +100°C

Board plug, single

Technical data and ESSBOX pack



Item no.	Designation	Grip area mm	Drill mm	Screw Ø mm	Screw length mm	ESSBOX size	Qty/pack.	Pack./large pack.
50215	Single	9-13	10.0	4.5-6.0	Min.45+ object thickness	203	50	8
950215	Single (bulk)	9-13	10.0	4.5-6.0	Min.45+ object thickness		3500	1

Small package

Item no.	Designation	Grip area mm	Drill mm	Screw Ø mm	Screw length mm	Qty/pack.	Pack./large pack.
511402	Single	9-13	10.0	4.5-6.0	Min. 45 + object thickness	6	10
513190	Single	9-13	10.0	4.5-6.0	Min. 45 + object thickness	20	6

Practical load capacity

The following load values apply to screw dimensions 5 mm

Designation	Tensile load kg (N)	Shear load kg (V)
Board plug single, drywall 13 mm	20	35
Board plug double, drywall 2x13 mm	30	45
Board plug single, chipboard 12 mm	30	45

Safety factor: tensile and shear loads are = 3.0