

Insulation plug UD

Clever insulation plug for thermal bridge-free fastening.

Long Description

The Upat insulation plug UD is the specialist for fixing light loads in insulation materials. The special thread design allows for easy and flush screwing by hand, allowing the insulation plug to interlock securely with the building material. The insulation plug is commonly used for fixing mailboxes, lamps or motion detectors.

Characteristics

- Substrate: Panel building material
- Load range: Tensile load, shear load, and oblique load 0.04-0.1kN
- Feature: Plug length 50/95mm

Applications

- Wall light
- Speakers
- Metal brackets
- Mailbox

Materials

- Unplastered pressure-resistant insulation boards
- Plastered pressure-resistant insulation boards
- External thermal insulation composite system (ETICS) insulation boards

Advantages

- Thermal-bridge-free fastening: Direct fastening in the insulation material prevents thermal bridges
- Quick installation: With a thin layer of plaster, the UD can be directly inserted without pre-drilling
- Easy screwing: The special thread design allows the insulation anchor to be easily screwed in with a cordless screwdriver or screwdriver
- Versatile use: With the flush-mounting of the insulation plug, various types of screws such as chipboard, wood, eye, angle, or hook screws can be used for fastening



Straight to the product

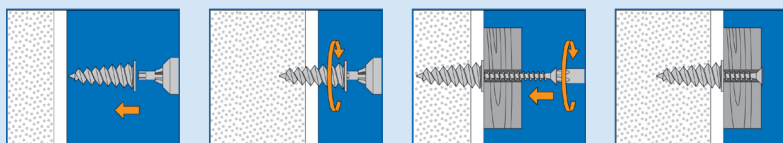


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Application examples



Assembly



Product variants

Product	Art-No.	Anchor length	Min. bolt penetration	Wood and chipboard screws	Sales unit
UD50	541731	50	50	4.5 - 5.0	50
UD95	541732	95	95	8.0	25

Load table

Highest recommended loads¹⁾²⁾ of a single plug.

Type	Diameter screw Ø [mm]	Styropor N _{rec} ²⁾ [kN]
UD 50	4,5 - 5,0	0.04
UD 95	8	0.1

¹⁾ Safety factor requirement considered.

²⁾ Load values apply to the largest screw diameter.

³⁾ Valid for tension loads.