

Alsifix HA

ETICS screw anchor with steel screw for the direct fixing of insulation boards in alsecco facade systems



AREAS OF APPLICATION

Constructional plug with galvanised steel screw for use on exterior walls in timber wood construction countersunk or in flush mounting. Fixing of insulation boards such as polystyrene and mineral wool lamella insulation boards e.g. in approved external thermal insulation cladding systems to panel-type materials.

PRODUCT PROPERTIES

- non-ageing
- Can assume large tensile forces
- Insulation disk diameter
- Optimised for thermal bridges

TECHNICAL DATA

Design

Diameter [mm]	required Anchoring depth [mm]/ usage categories	Length of shank [mm]	Point thermal transmittance λ [W/K]
Disc: 60	\geq Screw depth: 30 - 40	80 - 300	0,001: recessed/co untersunk
Plug: Screw: 6	\geq -		0,002: flush

Use categories

Substrates according to approval.

Accessories

Combination disk Alsifix SBL 140 plus for flush mounting, when mineral wool lamella insulation boards are anchored.

Alsifix EPS cap

Alsifix sealing plug



APPLICATION INSTRUCTIONS

Preparation	<p>Adapt plug type and anchoring depth to the substrate and the system version to be used.</p> <p>Please observe the special information for the respective system approval or in the fixing brochure.</p>
Application	<p>General information</p> <p>Position the plug at a right angle to the board surface.</p> <p>Only use permissible and stipulated setting tools.</p> <p>After installation, the insulation disk must be positioned level and force-locked on the insulation board or in the countersink .</p> <p>Avoid a jolting of the insulation board and damages when positioning the insulation disk.</p> <p>Countersunk mounting in polystyrene:</p> <p>A drill hole does not have to be made. The plug is installed by screwing in the drilling screw. Screw depth: 30-40 mm.</p> <p>Adjust the plug length on the support element of the setting tool. Insert plug and screw in the plug screw using the Alsifix Tool Set setting tool and T25 special bit until the depth stop rests on the insulation.</p> <p>Cover the plug with Alsifix EPS cap.</p> <p>Flush mounting</p> <p>A drill hole does not have to be made. The plug is installed by screwing in the drilling screw. Screw depth: 30-40 mm.</p> <p>Insert the plug and screw it in using the T25 special bit until the insulation disk rests evenly on the insulation.</p> <p>Cover the sleeve of the plug with Alsifix sealing plug.</p>
Calculating the required anchor length	<p>$L_a > h_{ef} + t_{tol} + h_d$</p> <p>$L_a$ = plug length</p> <p>h_{ef} = required anchoring depth</p> <p>t_{tol} = tolerance compensation or thickness of the unstable final coating</p> <p>h_d = insulation thicknesses</p>

STORAGE

Cool, dry and protected against frost.

PACKAGING INFORMATION

Colour	White
Packaging unit	Box 100 pieces



OTHER INFORMATION

Transportation

Not a hazardous material

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.



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