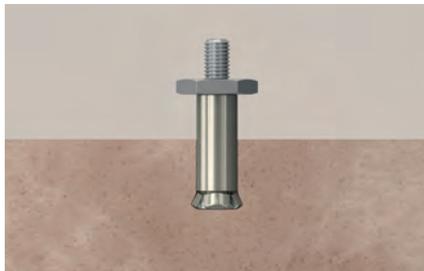
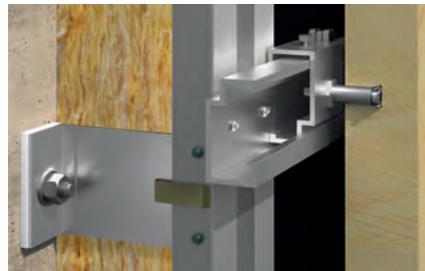


Zykon-Panel anchor FZP II SH

The undercut anchor for soft stone façade panels.



Undercut anchor in soft natural stone



Façade cross-section with soft stone anchor

Applications

- Exterior façades with heavy façade panels made of selected, soft natural stone (stone group IV - sedimentary rock)
- Interior façades with heavy façade panels made of selected, soft natural stone (stone group IV - sedimentary rock)

Certificates



INOX STAINLESS STEEL

Advantages

- The adapted shape of the undercut anchor ensures a positive-locking attachment free from expansion pressure in a conical undercut drill hole.
- The attachment point is not externally visible, creating a visually attractive and consistent façade surface.
- Setting the anchor using undercut technology allows the user to always select the optimal structural position in the façade panel. This greatly reduces panel deflection.
- The anchor allows for higher breaking loads, compared to commonly available systems.
- Using a constant remaining wall thickness as a reference value when drilling holes allows users to compensate for panel thickness tolerances.

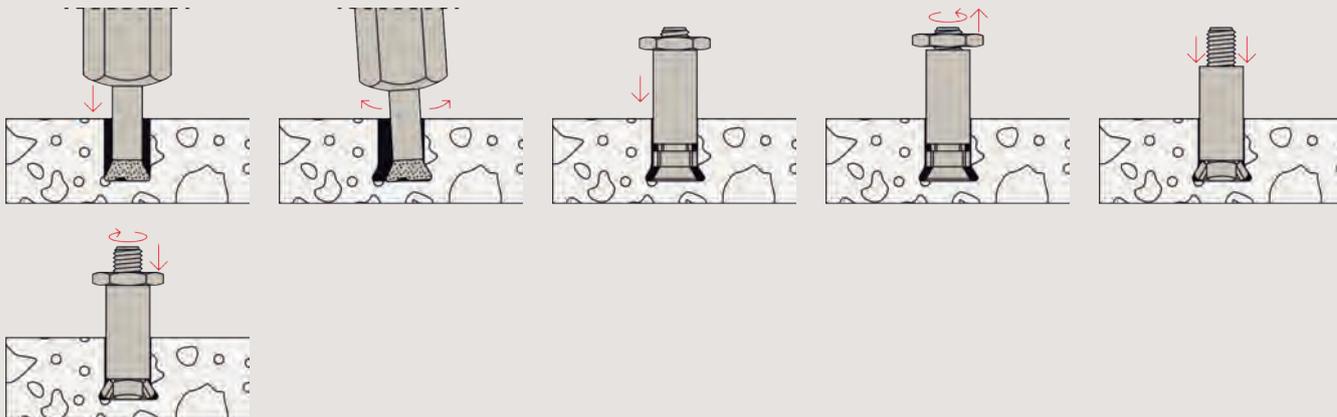
Functioning

- Wet diamond drilling - first cylindrical, depending on the application either to the absolute anchoring depth or to a constant reference dimension for the remaining wall thickness (RWT), then conical to create an undercut drill hole.
- When the undercut anchor is installed, an optimal positive-locking connection is created between the expanding part and the drill hole.
- The anchor can either be installed flush to the absolute anchoring depth or can be installed in the conical undercut drill hole using stand-off installation.
- The ability to compensate panel thickness tolerances helps create a flat façade surface.

Building materials

- Natural stone (stone group IV) ($\geq 50\text{mm}$)

Installation FZP II SH



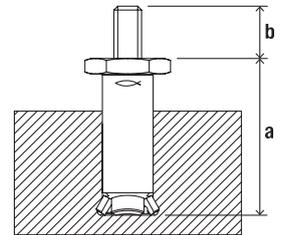


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Technical data



Zykon-Panel anchor FZP II SH



Item	Item No.	Installed anchor length a [mm]	Anchorage depth h_{ef} [mm]	Projection length b [mm]	Thread M	cylindrical diameter [mm]	Undercut-diameter [mm]	Min. panel thickness [mm]	Sleeve material	Sales unit [pcs]
FZP 13 x 30 M8//23 SH A4	521103	30	30	23	M 8	13	17.3	50	stainless steel	50
FZP 13 x 41 M8/S0/19 SH AL	521104	41	30 - 36	19	M 8	13	17.3	50	stainless steel	50