

akurit MQS

Mounting blocks EPS bar

mounting blocks for absorbing pressure for medium loads

- format: 160 × 100 × 1,000 mm
- comprising EPS rigid foam with high density



Applications

- for installation in the insulating layer
- use for pipe brackets, retainers and sash locks, letterboxes or advertising boards

Packaging

- Quantity

Storage

- Store dry and as per instructions.
- Protect against direct sunlight.

Technical Data

Usable area	140 x 80 mm
Density	140 g/cm ³
Building material class	B2 (normal flammability)
Rated value of the thermal conductivity λ	0,047 W/(mK)
recommended pressure force on the cuboid surface	≤ 1.6 kN on the whole block area (160 x 100 mm)
Recommended transverse force on screw connection	≤ 0.12 kN per screw with 7 mm screw diameter and 60 mm seat depth
recommended tensile force on screw connection	≤ 0.25 kN per screw with 7 mm screw diameter and 60 mm seat depth

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

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Processing

Applying / Processing / Assembling

- Cut product to the required insulation thickness with a hand saw or a glow wire cutting device.
- Install mounting block at the same time as bonding the insulation panels.
- Apply adhesive mortar to the adhesive side of the mounting block.
- The element must be glued on the load-bearing substrate over the whole area and pressed flush with the insulation panel.
- Mark the exact position so that the mounting block can be found again after applying the plaster system.

Notes

- The mounting block can be coated with AKURIT reinforcement mortar without a primer.
- Attachments are fitted onto the plaster coating. The coating must withstand the pressure forces caused by the attachment.
- Wood or self-tapping screws are suitable for screwing into the mounting block, as are those with a cylindrical thread and larger pitch (frame screws). Screws with a metric thread (M-screw) and self-tapping screws are not suitable.
- Pre-piercing with an awl makes setting the screw easier. Pre-drilling is not necessary.
- Take into consideration the respective system permissions when using the product in thermal insulation composite systems.
- Screw connections in the mounting block are only allowed for light, non-moving loads. Heavy loads must be anchored in the substrate.
- The maximum load-bearing capacity of the mounting block requires that it is installed perfectly in the external thermal insulation composite system.
- Mounting blocks must have a minimum edge distance of 250 mm from each other and a minimum centre distance of 500 mm in all directions. Arrangements with smaller centre distances are to be regarded as a group and the individual values of one mounting block should be used. Each mounting block may only be allocated to one group. In justified cases, the minimum edge and centre distances can be reduced.
- The specified load values apply to a load in the corresponding load direction. In case of combined loads (diagonal pull), evidence of the interaction between the tensile load and lateral force load must be provided.

General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.