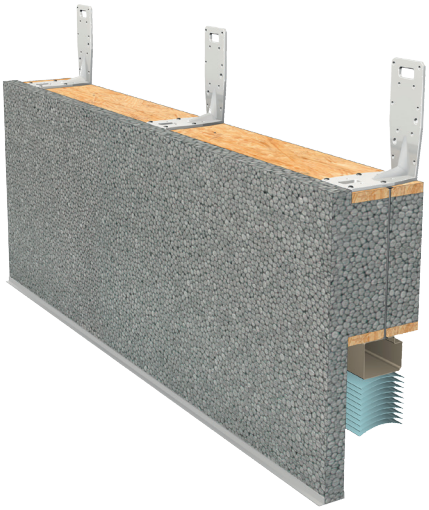
akurit JKS

Blind conceal Plus

made-to-measure cladding element in the insulating layer for blinds, EPS 032 grey

- sturdy element optionally with integrated plaster junction profile
- interior smoothly clad with 2 mm premium panels
- all dimensions variable
- standard dimensions: internal dimension 140 x 270 mm / height 500 mm



Applications

- for new builds and energy-focused renovation of facades with mineral substrates
- for fitting blinds without thermal bridges in thermal insulation composite systems with EPS insulating materials and subsequent plaster application
- for insulation thicknesses 140, 160 and 180 mm

Properties

- made to measure
- Scope of delivery according to order form, including mounting brackets, frame anchors and mounting screws, mounting adhesive for elements in several parts
- with integrated assembly plate for fastening the blind without thermal bridges
- with windproof cable bushing (max. 10 mm cable diameter) fitted at the factory on the left and right of the shaft

Substrate

Suitable substrates

- Masonry
- normal concrete
- Mineral and organically bound plasters
- Intact, load-bearing wall or façade paintwork

Condition / Testing

- Partial uneven areas in the substrate can be levelled up to 1 cm/m with bonded and up to 2 cm/m with bonded and anchored systems.
- For assessing the plaster primer, VOB/C DIN 18350, Section 3, DIN EN 13914-1/13914-2 as well as the plaster standard DIN 18550-1/18550-2 should be observed.
- The subsurface must be even, dry, clean, load-bearing, absorbent and free of adhesion impairing residues, efflorescence and sinter skins.
- The load-bearing capacity, particularly of old plaster and old paintwork, must be properly tested (e.g. by carrying out a pull-out test or cross-cut test).

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Blind conceal Plus

Processing

Applying / Processing / Assembling

- Mark top edge of the AKURIT JKS blind conceal plus horizontally on the substrate and fit mounting bracket. The fastening points are to be planned on the left and right perpendicular to the interior shaft. The maximum distance to the bracket must not exceed 1 m. The conceal is glued with an adhesive and reinforcement mortar that belongs to the system. The processing instructions for the relevant product must be observed.
- The adhesive is applied using the spot bead method. When doing so, an adhesive area of at least 80 % is to be maintained.
- An adequate distance between the adhesive and the window frame is recommended to prevent contamination.
- For windproof assembly, the AKURIT DBL sealing tape is fastened on the blind conceal in the area connecting directly with the window.
- The conceal is to be positioned tightly on the bracket and pressed onto the substrate. To fix it in position, the mounting screws in the bracket are to be tightened by hand. The elements are aligned with equal distance to the window frame.
- Once dried, tighten the mounting screws. In case of glued and anchored ETICS, 3 anchors/m are to be set in addition through the insulating material part of the conceal with an anchor that complies with the system.
- When assembling conceals in several parts, a notch system in the assembly panels and end rails is planned at the factory. The elements are glued at the front over the whole area with an mounting adhesive included in the scope of delivery.

Notes

- For flame retardant external thermal insulation composite systems, the specifications of the respective type approval must be observed.
- When assembling in several parts, a 2 mm joint gap between the individual aluminium profiles is planned. This does not represent a material defect.
- Highly expanding pre-compressed sealing tapes can lead to unintentional warping of the elements. This must be taken into account during processing.

Packaging

- Quantity

Storage

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

Technical Data

Thermal conductivity λ	Insulating material: 0.032 W/(mK)
Building material class	Insulating material: B1 (flame retardant)

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.

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.