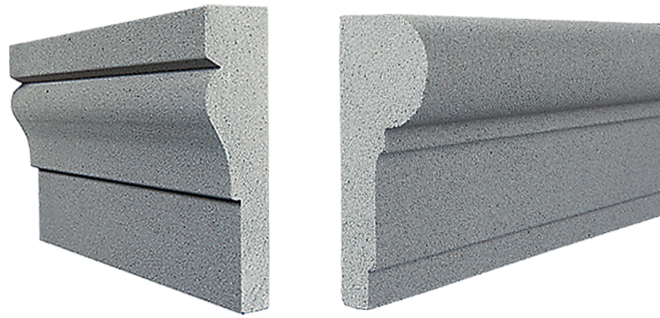


Facade element made of non-combustible verolith granulate

- Fire behaviour: A2-s1, d0
- low weight
- easy mounting



Applications

- For individual facade design through linear surrounds, accentuation of building openings and bossing
- for external and interior use

Properties

- ecologically harmless

Substrate

Suitable substrates

- When used on external thermal insulation composite systems and lightweight plaster systems, bonding is carried out on the fully dried reinforcement layer. For plaster systems on solid masonry and concrete, bonding can be carried out on the completely dried base plaster with a minimum strength of 3.5 N/mm².
- Bonding to organically bonded plasters is not permitted.

Condition / Testing

- The subsurface must be even, dry, clean, load-bearing, absorbent and free of adhesion impairing residues, efflorescence and sinter skins.
- Newly applied reinforcement layers or base plasters must set for at least 14 days.
- Building expansion joints must be adopted in all decorative profiles. These influence the appearance and must therefore be taken into account in advance during planning and façade division and coordinated with all executing trades and the planner.
- A level substrate is required for full-surface bonding of the decorative profiles. When bonding the profiles, substrate levelling with akurit SK Deco-SPK stucco and decorative profile adhesive is not possible or permitted. Therefore, for profile lengths of up to 100 cm, a pitch of 3 mm and for profile lengths of up to 250 cm, a pitch of 4 mm must not be exceeded. Break-out areas in the substrate must be levelled out.

Pretreatment

- Non-load-bearing plaster and paint, loose parts, dust and dirt must be removed.

Processing

Temperature

- Do not process at air, material and substrate temperatures below +5 °C.

Applying / Processing / Assembling

- Cut profiles to length or mitre with a mitre saw! Attention: Multi-layer profiles are fixed with stainless steel clips. Remove dust from cut edges with a brush / compressed air. Chamfer the ends of the cut edges by at least 2 mm. This can be done with leftover cuttings from the profiles. Note: Please use carbide-tipped saw blades for cutting the profiles!
- In order to prevent moisture from running behind the decorative profiles, they are only bonded over the entire surface using the floating-buttering method.
- akurit SK Deco-SPK stucco and decorative profile adhesive is suitable for bonding. Apply adhesive mortar with a 10 mm notched trowel to the marked substrate and to the back of the profile in a criss-cross pattern. Then apply a circumferential bead of adhesive approx. 5 mm thick.
- Float and position the decorative profiles wet in wet. Make sure that the adhesive mortar is evenly distributed all around!
- For correct water drainage, form the adhesive mortar emerging above the profile into a groove. Pull off the adhesive mortar on the remaining sides to form a closed joint seam.
- Permanently elastic transitions must be provided at corners of building openings and façade sides, at all profile transitions as well as adjacent building components and other façade elements. For this purpose, the profiles are to be glued with a distance of at least 6 mm during installation. After the adhesive has dried, the joint area must be taped and filled with akurit PS gun foam.
- After drying, the foam is milled/cut back, the masking is renewed and the joint is sealed and smoothed with a paintable MS polymer or polyurethane sealant, or cut off after drying. If necessary, the joint can be filled with pluggable insulation material and a closed-cell round cord can be used for uniform dimensioning of the joint depth. Joint dimensioning for different joint widths:
Joint width / joint depth
6 mm / 6 mm
10 mm / 8 mm
15 mm / 10 mm
20 mm / 12 mm
25 mm / 15 mm

Subsequent coating / workability

- After a sufficiently long drying and setting time of the adhesive surfaces and butt joint areas, the akurit stucco and decorative profiles should always be coated three times for sufficient weather protection. Ideally, the base coat and intermediate coat should be applied before the top coat of the adjacent façade surfaces. The final coat is applied as the last work step.
- Priming coat: akurit GTA Acrylate Deep Primer. For a coarse texture akurit GPG Putzgrund.
- Intermediate coating: akurit FDI Dispersion Finish / FDK Dark-finish
- Final coat: akurit FDI Dispersion Finish / FDK Darkfinish
- In splash water areas, the decorative profiles must be completely slurried with quick-mix MDF Mineral Sealing Slurry Flexible after the priming coat.

Notes

- Additional dowelling of the akurit SSP stucco and decorative profiles is only required for battens with a weight > 5.0 kg and a projection \geq 50 mm!
- The akurit SSP stucco and decorative profiles must not be embedded in the soil.

Packaging

- The profiles are supplied as custom-made products based on the building project. Please contact your technical advisor.

Storage

- Store in a dry and frost-free place.
- Goods are sensitive to impact. Do not load.

Quantity required / Yield

- consumption: approx. 1 m/m

Bulk density	approx. 550 kg/m ³
Thermal conductivity	$\lambda = 0.16 \text{ W}/(\text{mK})$
Thermal elongation	0.000011 1/K
Elastizitätsmodul	1.800 N/mm ²
Fire behaviour	A2-s1, d0
Temperature resistance	100 °C

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. Since natural raw materials are used, the values and properties described may vary somewhat. 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.