



Baunit StarContact white



Product	Factory-mixed, mineral, dry adhesive and reinforcement mortar for manual or machine application. System Component for Baunit open – The Climate Façade. Complies with ETAG 004
Composition	White cement, organic bonding agents, sands, additives
Properties	Permeable adhesive and reinforcement mortar for external areas, with high bonding strength. Water resistant and good workability.
Application	Adhesive and reinforcement mortar for Baunit open façade boards, Baunit open façade boards sound insulation, Baunit façade boards reflect and Baunit façade boards sound insulation reflect. (reinforcement with Baunit StarTex.
Technical data	Maximum grain size: 0,6 mm; 1 mm Raw density: app. 1.350 kg/m ³ λ-value: app. 0,8 W/mK μ-value: app. 18 sd-value: app. 0,05 (at 3mm layer thickness) Water demand: app. 6 l/sack Thickness of reinforcement layer: see the table below Consumption: adhering: app. 4,5 – 5,5 kg/m ² Reinforcing: app. 4,0 – 5,0 kg/m ²
Storage	Can be stored at least 12 months on a wooden grating, film wrapped and at a dry place
Quality assurance	In house monitoring through our own laboratories. Third party inspection is carried out through a certified body.
Delivery format	Sack – 25 kg, 54 sacks per palette = 1.350 kg Bulk in silo
Subsurface	The subsurface must be clean, dry, frost-proof, dust-free, not water-repellent, free of efflorescence and free of loose parts. The subsurface must be performed according the Austrian standards B 2259, B 3346 and B 6410. The evenness of the wall must comply with Austrian standard DIN 18202.
Classification according to Chemical Substances Act	Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at www.baunit.com or request the Safety Data Sheet at the respective production plant.
Processing	Mixing: Sprinkle the dry powder in to clean water mix in a tub with an electric hand mixer to a lump free, creamy consistency. Alternatively use a continuous horizontal mixer with a constant water feed, remixing by hand-mixer is necessary. Leave to stand for 5 minutes and remix with the hand mixer. Working time: ca. 1.5 hours. Material which has started setting must not be remixed with water. Mixing with other product (e.g. anti-frost agents or

accelerating agents) is not permitted.

Adhering:

A 50mm wide strip of StarContact white is applied around the face edge of the insulation board followed by 3 equally spaced hand-sized dabs through the centre line. Enough material should be applied to obtain a 10-20 mm bonding joint and a min. 40% contact area to the subsurface. Tolerances of up to 10 mm in the subsurface flatness can be accommodated in the bonding joint.

Laying of the insulation boards:

Principally only full insulation boards should be used rising up from the bottom row, fitted tightly together in a staggered bond. Board off-cuts (min. 150 mm lengths) may be used in the main wall areas but not at building corners or openings. Care must be taken to ensure that the board surfaces flush with no gaps or mortar in the joints. The joints between the boards must be free of adhesive mortar. The corner of a board must not meet the corner of an opening (cross joint). Each row of boards must form an overlap (toothed joint) to the board depth at building corners. Only full and half boards may be used here.

Mechanical fixings:

Where necessary, mechanical fixings can be installed 24 hours after bonding the insulation boards. Refer to ÖNORMEN B 6124, B 6400 and B 6410.

The fixing heads are to be covered with a layer of StarContact white before the application of the reinforced base coat.

Base coat and reinforcement:

After sufficient hardening of the adhesive application the insulation boards can be sanded down and the dust removed. Baunit StarContact white is applied to the boards with a stainless steel notched trowel (10 mm notches).

Continuous sheets of StarTex reinforcing mesh, free of creases and with 100 mm overlapping edges are embedded into StarContact white. The StarTex reinforcing mesh must be covered with at least 1 mm (0.5 – 3 mm max. at the overlapping edges) StarContact white. StarTex is to be embedded wet in wet. Excessive smoothing is to be avoided. Trowel lines are to be removed after hardening.

Nominated thickness in mm	Minimum thickness in mm	Mean value ¹⁾ in mm	Position of StarTex
3	2	≥ 2,5	In the centre
¹⁾ Mean value of a characteristic sample (minimum 5 values) in hardened state.			

In addition to the mentioned standards, there must be compliance with the Baunit Application Guidelines for ETICS and the installation guidelines from the trade Austrian Association Qualitätsgruppe Vollwärmeschutz (QVWS).

**Notes and
General
Information**

Air-, material- and subsurface temperatures have to be higher than +5°C during processing and setting. Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets).

High air humidity, low temperatures and the water absorption of the subsurface and insulation material can extend or shorten the curing time.

Façade insulations boards which have been exposed to UV light for more than 2 weeks (yellowing) must be sanded down and the dust removed before application of the base coat.

Leave to dry for 2-3 days¹⁾ before further coatings can be applied. However it is important that the coating appears uniformly dry with no damp areas (dark patches).

¹⁾ Based on an ambient temperature of +20 ° C and relative humidity ≤ 70%. Unfavourable weather conditions may prolong the setting time

Top Layers:

Baumit UniPrimer with Baumit NanoporTop

Baumit UniPrimer with Baumit openTop

Baumit UniPrimer with Baumit open Fascina

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