



# Baunit StarContact White

- Strong adhesion
- Can be machine applied
- Aerated lime

**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 and additives.

**Properties:**

- Permeable adhesive and reinforcement mortar for external areas.
- High bonding strength.
- Water resistant and good workability.

Technical Data:	Maximum grain size:	0,6 mm; 1 mm
	Raw density:	app. 1.350 kg/m <sup>3</sup>
	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 <sup>2</sup> Reinforcing: app. 4,0 – 5,0 kg/m <sup>2</sup>

**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.

**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 to 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 to 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](http://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.

### 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 Baunit 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 notch- es). Continuous sheets of Baunit StarTex reinforcing mesh, free of creases and with 100 mm overlapping edges are embedded into Baunit StarContact white. The Baunit StarTex reinforcing mesh must be covered with at least 1 mm ( 0.5 – 3 mm max. at the overlapping edges) StarContact white. Baunit 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 <sup>1)</sup> 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 sub- surface 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 days<sup>1)</sup> before further coatings can be applied. However it is important that the coating appears uniformly dry with no damp areas (dark patches).

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

Our recommendations for applications which we give to support the purchasers/handlers from our experience, corresponds to current science and practice. The advice is non-binding, and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid. You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.

**Top Layers:**

Baumit Premium Primer/UniPrimer with Baumit NanoporTop, Baumit SilikonTop Baumit Premium Primer/UniPrimer with Baumit GranoporTop/SilikatTop, Fine Top, StyleTop, CreativTop

Delivery:	Sack – 25 kg, 54 sacks per palette = 1.350 kg Bulk in silo.
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.

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