

Baunit StarContact White Mineral Adhesive

General Information



- Strong adhesion
- Can be machine applied
- Aerated lime

Product Overview

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.

Use

Dual purpose contact mortar: As an adhesive for bonding Baunit façade insulation boards and a thin layer basecoat (with reinforcing mesh) onto Baunit façade insulation boards.

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.)

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:	1.350 kg/m ³ approx.
λ-value:	0,8 W/mK approx.
μ-value:	approx. 18
Sd-value:	0.05 m (at 3 mm thickness) approx.
Water requirement:	6 l/ 25 kg sack
Thickness of reinforcement layer:	Refer to table below

Consumption as basecoat:	4.5 – 5.5 kg/m ² approx.
Consumption as adhesive:	4.0 – 5.0 kg/m ² approx.

Health & Safety

Classification according to Chemical Substance 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.

Quality Assurance

In house monitoring through our own laboratories. Third party inspection is carried out through a certified body.

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.

Packaging

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

Baumit StarContact White

Mineral Adhesive

Storage

Can be stored at least 12 months on a wooden grating, film wrapped and at a dry place.

Application

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 Baumit StarContact white before the application of the reinforced base coat.

Basecoat and reinforcement:

After sufficient hardening of the adhesive application the insulation boards can be sanded down and the dust removed. Baumit StarContact white is applied to the boards with a stainless steel notched trowel (10 mm notch- es). Continuous sheets of Baumit StarTex reinforcing mesh, free of creases and with 100 mm overlapping edges are embedded into Baumit StarContact white. The Baumit StarTex reinforcing mesh must be covered with at least 1 mm (0.5 – 3 mm max. at the overlapping edges) StarContact white. Baumit StarTex is to be embedded wet in wet. Excessive smoothing is to be avoided. Trowel lines are to be removed after hardening.

Nominal thickness mm	Minimal thickness mm	Mean value ¹⁾ mm	Position of reinforcing mesh
3	2	≥ 2.5	In the centre

¹⁾ Typical mean values from random sample testing (min. 5 single values) of hardened mortar.

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

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

Top Layers:

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