



Baunit ProContact



Product	Factory-mixed, mineral, dry adhesive and reinforcement mortar for manual or machine application. System Component for Baunit ETICS EPS and Mineral. Tested according to ETAG 004
Composition	Cement, sands, additives
Properties	Dry powder adhesive and reinforcement mortar for internal and external areas. Vapour permeable, easy to use with good workability.
Application	For bonding and reinforcing Baunit facade insulation boards EPS and Mineral. Also suitable as a reinforcement coat with embedded StarTex on mineral rendering subsurface.
Technical data	Maximum grain size: 1,0 mm Raw density: app. 1.400 kg/m ³ Water demand: app. 6-7 l/sack Consumption: adhering: app. 4,5 – 5,5 kg/m ² Reinforcing: app. 4,0 – 5,0 kg/m ² Thickness of reinforcement layer: minimum 2 -3 mm maximum 4,0 mm
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.
Delivery format	Sack – 25 kg, 54 sacks per palette = 1.350 kg
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 3346
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	<u>Mixing:</u> 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. 1. Baunit External Wall Insulation Systems EPS: <u>Adhering:</u> A 50mm wide strip of ProContact 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 background surface. 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 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. Baumit ProContact 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 ProContact. The StarTex reinforcing mesh must be covered with at least 1 mm (0.5 – 3 mm max. at the overlapping edges) StarContact. StarTex is to be embedded wet in wet. Excessive smoothing is to be avoided. Trowel lines are to be removed after hardening.

In addition to the mentioned standards, there must be compliance with the Baumit Application Guidelines.

Levelling coat for Mineral system

Baumit Mineral façade insulation boards cannot be sanded down in order to produce a continuous flat surface. Consequently a min. 2-3 mm thick levelling coat of ProContact must be applied over the insulation boards to even out any discrepancies. Keep a waiting time for at least 3 days.

Bonding coat over mineral render base coats:

Apply a min. 3 mm thick coat with and smooth out with a stainless steel trowel. After setting, remove any trowel marks and rub up the surface with a float. Reinforcing the coat with Baumit StarTex reinforcing mesh is recommended.

Notes and General Information

The air, material and subsurface temperature must be above 5° C during application and setting. High air humidity, low temperatures and the water absorption of the subsurface and insulation material can extend or shorten the curing time.

Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets).

High air humidity and low temperatures can prolong drying times considerably. 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

When used as a bonding coat:
Leave to dry for at least 7 days before applying further coatings.

Top Layers:

Baumit UniPrimer with Baumit GranoporTop
Baumit UniPrimer with Baumit SilikatTop
Baumit UniPrimer with Baumit StellaporTop
Baumit UniPrimer with Baumit Classico Special

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the fitness of our products for the intended purpose or use by itself.