



Baumit MosaikTop Essential Line

Acrylic, marble stone topcoat for plinth areas & splash zones

Benefits

- Coated and coloured quartz sand
- Designed specifically for the base
- Highly shockproof and impact resistant



Product Overview

Ready-to-use, acrylic render for external use. Coloured marble stone especially useful for the splash zone and plinth area.

Composition

Organic binder (resin), coloured quartz sand, water and additives.

Properties

Colour, solvent-free, resin-bound, ready-to-use coloured quartz sand render. Water-repellent, weather-resistant, sufficiently vapor-permeable, highly resistant to mechanical stress, easy to apply.

Application

- Render for one-coat creation of decorative surfaces.
- For subsequent coating of mineral base renders, concrete and reinforcing layers of the external wall insulation systems (only in the plinth area).
- Can be used outdoors, indoors and in the plinth zone.

Technical Data

Product	
Reaction to fire:	B
Density:	app. 1.7 kg/dm ³
Colour:	M301 - M331
Solids content:	app. 80 %
Adhesive strength:	≥ 0.3 MPa
pH-value:	app. 8.5
Quality category:	Premium
μ-value:	app. 110 - 140
Thermal conductivity:	app. 0.700 W/mK

Storage

Store in dry, cool conditions, free from frost in sealed tubs. Shelf life 12 months. Close unsealed buckets immediately after use, and if possible, use within 4 weeks.

Quality Assurance

Internal quality assurance is provided by the manufacturer's plant.

Classification according to the Chemicals 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.baumit.com or request the Safety Data Sheet at the respective production plant.

Substrate

The substrate must be clean, dry, free of frost, dust-free, absorbent, free of efflorescence, sound, and free of loose particles.

Suitable for use on:

- Mineral substrates (e.g., Baunit base coats and skim coats)
- Rubbed lime/cement and cement plasters
- Concrete

Conditionally suitable:

- Baunit ETICS in the plinth/base area (observe HBW/TSR)

Not suitable for:

- Plastics and resins
- Paint and oil film glue-based paints
- Lime plasters and lime coatings
- Thermal insulation plasters
- Wood
- Metals

Substrate pre-treatment

The surfaces to be plastered must be treated beforehand with the Baunit PremiumPrimer in the appropriate colour in one or several steps in order to obtain a uniform colour and uniform absorbent base. The appropriate hue can be found in the table below. Allow the PremiumPrimer to dry at least 24 hours before applying Baunit MosaikTop.

- Level out highly or unevenly absorbent surfaces using Baunit MultiPrimer
- Consolidate sandy or friable plaster surfaces with Baunit Sanova Primer (see product data sheet)
- Remove sinter layer mechanically
- Remove form-release oil residues on concrete using hot steam or formwork oil remover, or by sanding
- Clean soiled surfaces
- Treat substrates affected by algae and/or fungi with a specialty product (e.g., Baunit FungoFluid)
- Remove poorly adhering, weathered coatings
- Skim damaged and/or cracked mineral surfaces with filler (e.g., Baunit StarContact Grey / White) and, if needed, reinforce with Baunit StarTex Fine Mesh.

Processing

Coating system:

1 x Baunit PremiumPrimer - recommended color numbers per the table below

1 x Baunit MosaikTop

Before application, thoroughly mix Baunit MosaikTop using a slow-speed mixer. Apply Baunit MosaikTop with a stainless-steel trowel to the aggregate grain size, then—while still wet—smooth continuously, without gaps, always in the same direction. Do not mix with other materials. Work evenly and without interruption.

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Baunit MosaikTop Essential Line	Baunit PremiumPrimer Colour
M301 / M302 / M303 / M304 / M305 / M306 / M307 / M308 / M313 / M315 / M316 / M318 / M325 / M326 / M327 / M328 / M329	Untinted
M312	02P
M330 / M331	11P
M314	14P
M317	15P

Notes and General Information

During application and setting, the air, material, and substrate temperature must be at least +5 °C. As it dries, the milky appearance of freshly applied Baunit MosaikTop disappears. If exposed to moisture, a temporary "milky" look may occur during drying and can also appear briefly at a later time. High humidity and low temperatures can significantly extend drying time. Prevent moisture coming from the substrate (retaining walls, boundary walls/fences, eaves areas, etc.). Baunit MosaikTop is not suitable for horizontal surfaces. If Baunit MosaikTop is taken below ground (e.g., eaves paving, etc.), the render in this area must be coated with suitable moisture protection (e.g., Baunit BituFix 2K or Baunit DS 26 Flex) (see the Baunit Application Guideline for ETICS and the Baunit Application Guideline for Exterior Renders). Recoating note: Before applying another coating, allow a waiting time of at least 48 hours (based on 20° C and 60% relative humidity). Shade: To achieve maximum color brilliance, we recommend applying a primer coat with Baunit PremiumPrimer in the shade listed above for the following color numbers (see table). Color consistency can only be guaranteed within a single production batch. If different batches are used, they must be mixed together before starting.

The natural mica used as a raw material is a pure natural product. Due to its mineral origin, mica is subject to natural variations in color as well as in the size and thickness of the individual mica flakes. However, these natural variations do not affect the technical performance or quality of the finished product.

To keep the render surface as long-lasting and vibrant as possible, it is recommended to visually inspect it regularly (ideally once per year).

Light reflectance value: For use on exterior thermal insulation composite systems (ETICS), the requirements of the Baunit ETICS Application Guideline apply in the latest valid version. For use on conventional render systems, the Baunit Exterior Renders Application Guideline applies in the latest valid version. For Baunit MosaikTop in shades M306, M313, M314, M315, M316, M317, M318, M328, M330, M331, M341, M342, M343, and M344, when used on Baunit ETICS, execution with a thick-coat base render (minimum thickness 5 mm) and a 2-layer StarTex Fine mesh is required. Safety precautions: see Safety Data Sheet.

Cleaning notes: Protect eyes and skin, as well as the area around the coated surfaces—especially glass, ceramic, clinker, natural stone, paint, and metal. If necessary, rinse off splashes with plenty of water; do not wait until the render dries and hardens. Clean tools and equipment with water immediately after use. Any applications not described in this data sheet are not recommended.

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 suitability to our products for the intended purpose or use by itself.