

Baumit Through Colour Renders
For beautifully
designed façades





Our topcoat render range provides an option for any and all application requirements. Each of our render products is designed with specific qualities in mind to ensure the highest quality finish, with simple application.





# Self-cleaning Effect

- Nanopor technology
- **■** Microscopically smooth surface
- Long lasting beauty

By combining years of experience with the latest technology, Baumit developed the Baumit Nanopor series, consisting of NanoporTop, a ready-to-use render and NanoporColor façade paint. Their unique self-cleaning properties keeps façades looking like new for years.

#### **The Nanopor effect**

The nanopor-effect is produced by Baumit NanoporTop whilst drying. It affects the upper hydrophilic nano layer.

If you put a drop of water on a normal hydrophobic render surface, it will appear as a 'ball' of water. A drop of water on Baumit NanoporTop loses its surface tension. Moisture is taken in to the upper hydrophilic layer. During evaporation, the moisture releases dirt particles resulting in a dry, clean and beautiful façade.



#### NORMAL RENDEF



approx. 0.2mm

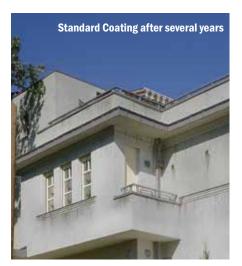
At this size, you can see that the surface of normal render is much rougher. This makes it easier for dirt particles to take hold.

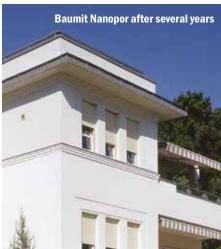
#### BAUMIT NANOPOR



approx. 0.2mm

The microscopically smooth surface of Baumit NanoporTop Topcoat makes it hard for dirt particles to take hold.



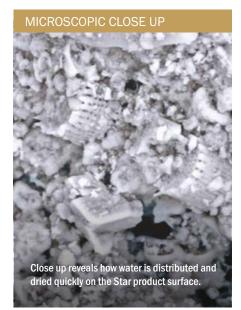




# Ultimate Weather Resistance

- **Quick drying surface**
- Increased protection against algae and mould
- **■** Easy to apply





The next generation of Baumit StarTop silicone resin render features a new filler. Its structure is similar to coral and has a large surface area with lots of tiny cavities and pores, resulting in a very quick and broad distribution of water lying on the surface.

#### Hydrophobic and hydrophilic principles

The hydrophilic property and coral-like structure cause the moisture to spread out so the surface dries out more quickly after wet weather. The hydrophobic nature of the render provides water repellency, and therefore good water drainage. The combination of both functions results in surfaces with good dirt resistance.

#### Easy to apply

StarTop is easy to apply and has a very uniform texture making it easier to work with. The ready-to-use render can be applied with little effort due to it's workability.







Baumit PuraTop & PuraColor

## **Bold Statement Colours**

- **■** Full range of colours
- **■** Cooling pigment technology



Home owners and designers who want a strong colour scheme for façades have been restricted in the choice of colours up to now – mainly because dark shades fade and can heat up in the sun. However, the unique formulation of Baumit PuraTop and PuraColor means that using intense shades is possible. It defines a whole new generation of façade design, allowing virtually infinite possibilities in any colour.

PuraTop and PuraColor are available in a range of unique, intense colour tones. The unique colours from the Baumit Pura range

stand out due to the bold colours which will give any façade an exceptional and very individual character. Incorporating innovative "cooling pigments" means they can also be applied over large areas on an external wall insulation system.



94 UNIQUE PURATOP AND PURACOLOR COLOUR TONES																				
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										guaranteed that the colours of the materials supplied will be absolutely identical.										



# **Cooling Pigments**

- Enables dark colours on EWI
- **■** Reduced surface temperature
- Safety combined with top quality

Cooling pigments reflect a large proportion of the sunlight to which they are exposed, reducing surface temperature and making it possible to apply dark colours over an entire externally insulated surface.

The cooling pigments are mixed into our paints and renders during production, which means that all 888 Life colours can be applied over a large surface on an external wall insulation (EWI) system or masonry.

#### How do Baumit render paints stay cool?

Where standard pigments absorb a large proportion of sunlight, cooling pigments reflect the sun's rays, reducing the surface temperature.

#### **BRV** = Brightness Reference Value (HBW)

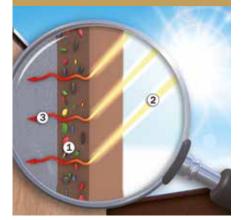
The Brightness Reference Value (BRV/HBW) expresses the brightness of a colour to the human eye compared to pure white (= HBW 100) or to deep black (=HBW 0).

#### TSR = Total Solar Reflectance

Where BRV takes into account the brightness of a colour to the human eye, TSR is concerned with the solar heating of the façade. The higher the TSR value, the more solar radiation is reflected and the lower the thermal heating of the surfaces is.



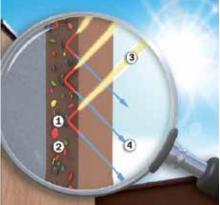
#### WITHOUT COOLING PIGMENTS



#### Surface with CoolPigments

- Standard pigments
   Sunlight (light spectrum)
- ③ Non-reflected radiation, dissipated as heat into the subsurfaces

#### VITH COOLING PIGMENTS



#### **Surface with Cooling Pigments**

- ① Cooling Pigment
- ② Standard pigments
- 3 Sunlight (light spectrum)
- Reflected sunlight



#### Baumit CreativTop

### **Creative Textures**

- Unlimited design possibilities
- Wide range of individual textures
- Unique surfaces guaranteed

The individual appearance of a façade does not only depend on its colour but also on its texture. Baumit CreativTop has been created to provide unlimited possibilities when it comes to texture. Formulated as a readyto-use, silicone-based render it gives total design freedom. The different textures it can create, lend a mix of shade and light to the same rendered surface and thereby give the façade a depth that subtly changes from day to night and from season to season.

#### **Effective creativity**

Because this versatile and easily applied render is available in nearly every colour from the Baumit Life colour range, there are endless creative combinations.

Baumit CreativTop is also available in 12 unique white tones, including Baumit Star White, the whitest of the new Baumit "Shades of White" - Colour line.



Whether floated, dragged, combed or stippled, coarse or smooth - these and numerous other façade textures can now become a reality with Baumit CreativTop. So now you can not only choose the right colour but also the right texture for your walls.

#### Improved recipe

The new recipe makes Baumit CreativTop easier to use and similar to StarTop it also guarantees a quick dry surface after fog or rain. Therefore, the risk of algae and mould infestation is reduced significantly.







#### **Smooth facades**

Despite all the textures and colours available, there is always a need for smooth façades. Smooth façades are currently experiencing a comeback in international architecture. In southern and eastern Europe, smooth façades have always been the standard style. That is because these areas mostly work with renders, whereas masonry was the preferred material in the north and west. Architectural styles have always progressed from indoor to outdoor design and today all the possibilities for a craftsman-like interior design can now be applied to the façade.

In order to create a smooth finish to the façade Baumit offers 3 variants of CreativTop; Vario, Pearl and Silk.

#### **Smooth facades on EWI**

You can also apply a smooth render finish to an EWI system. To achieve a perfectly smooth surface, start with a clean basecoat with the bonding of the EWI boards. The adhesive mortar, StarContact White, is ideal for this and CreativeTop Vario provides the perfect finish.





## Classic Textures

- Coarse grain size for higher durability
- Scratched and rolled textures
- For each individual taste

The time when render served a purely functional role is long gone. Today's homeowners, architects and designers are placing ever greater demands on the visual appearance of living and working environments. Almost anything is possible: fine grain sizes create a discreet flair, while coarse grain sizes provide a certain rustic charm –especially when combined with a creative colour scheme.

#### **Scratched texture**

A scratched texture is created by using precise quantities of render of certain grain sizes (1.5, 2.0 and 3.0mm). The so-called guide grain forms the basis for an even surface. This render uses rough broken textural grains. The render is applied in grain thickness and rubbed in with a float. The textural grains spread evenly and give a uniform even surface. This render is the easiest to apply, as the texture can only be affected to a certain extent by the movement.

#### SURFACES THAT PROVIDE CHARACTER



#### **Rolled texture**

Oversized grains in the sand mixture determine the overall thickness and depth of the grooves in the render layer.

Depending on the technique used, this results in round, longitudinal or transverse textures. Rolled finish is a floated render, but its textural grain is generally round and a softer grooved texture is created by rubbing. By using round aggregate in the render, it is very easy to create grooved textures. Here, the render is applied in grain thickness and

then textured using a float. The movements of the float move the aggregate over the substrate, creating the grooves. By moving it in different directions – circular, horizontal, vertical or a mixture of these – it is possible to influence the texture. The more precise the movements, the more even the texture becomes. If several people are carrying out texturing work on the same façade, it is important to agree on the movement direction in order to avoid different-looking textures on one wall.



Baumit MosaikTop

# Ultimate protection





- Decorative coloured quartz sand
- Natural stone effects
- **■** Impact resistant and waterproof

The plinth area of a façade is subjected to particularly high levels of stress as a result of dirt build up, mechanical strains and rainwater. Baumit MosaikTop is a pastelike stone render that is designed for wall surfaces that are subject to high levels of mechanical stress, such as the base area of the façade. It is highly water-repellent and is water vapour-permeable.



#### **Mosaik Natural Line**

The new Mosaik Natural Line, consisting of 8 exclusive stone combinations, uses natural raw mineral flakes to provide a unique, natural and authentic stone look, which provides façades with a high level of quality and an exquisite appearance. At the same time, the proven Baumit MosaikTop characteristics, such as excellent water repellency, durability and great resilience, are retained.

The Baumit Natural Line offers the opportunity to bring natural accents to the façade. The colours range from a dark charcoal to a light sandstone look.

#### **Mosaik Essential Line**

The classic Mosaik Essential Line consists of the most popular 22 colours. They are all coloured stone renders, based on pure acrylate. The colourful coated quartz sand that makes up Baumit MosaikTop, is particularly hard, robust and abrasion resistant. This makes Baumit MosaikTop the perfect final coating for heavily used base areas.



# M 337 Montblanc M 338 Olympus M 339 Castle M 340 Babia M 341 Rocky M 342 Everest M 343 Etna M 344 Vesuvius



# 888 Baumit Life colours

Baumit Life offers the most beautiful range of innovative render and paint colours for your façade. Research on the latest colour trends and extensive product development led to this unique collection. Baumit Life represents a new dimension in designing façades.

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Priming with Baumit PremiumPrimer recommended (colored according to product data sheet).

The colors and patterns shown serve as a color guide for the selected product. Absolute color matching with the supplied material cannot be guaranteed.

<sup>1)</sup> Can be used over large areas with Baumit EWI Systems with an increased basecoat thickness (minimum thickness at least 5mm) or Baumit PowerFlex according to the product data sheet.

<sup>2)</sup> This color shade is also suitable over large-areas with Baumit EWI Systems with PuraTop and an increased basecoat thickness (minimum thickness at least 5mm) or Baumit PowerFlex according to the product data sheet. 12

#### **Behind the colour code**

Each one of Baumit's unique façade colour shades has its own colour code. Consisting of 4 figures; the first 3 figures refer to the number of the colour row and the last number shows the brightness graduation (ranked from 1 to 9, where 1 stands for the most intense colour tone and 9 for the lightest one).

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#### Baumit Shades of White







#### **Baumit Ltd**

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