



Final Coatings | EWI | Mineral Renders | Renovation



Insulation First

For protection and cosiness



"We want people to live in healthy, energy-efficient and beautiful homes."

Explore the world of Healthy Living

Our health is founded on 3 key factors: nutrition, exercise and lifestyle. Each of these improve our general well-being. Lifestyle is directly linked to living spaces therefore our spaces should be optimally designed with the right vision and building materials.

Factors that contribute towards physical well-being include a comfortable room temperature, indoor air humidity, air quality, etc. We spend most of our lives indoors that is why our "living spaces" are so important for our health.

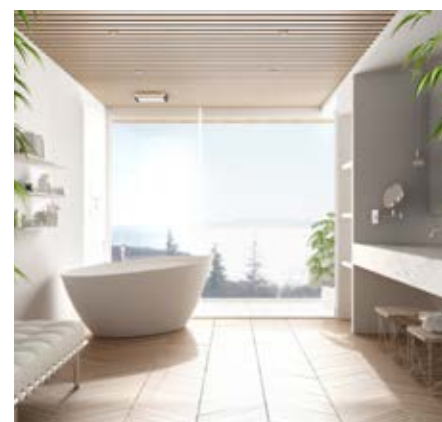
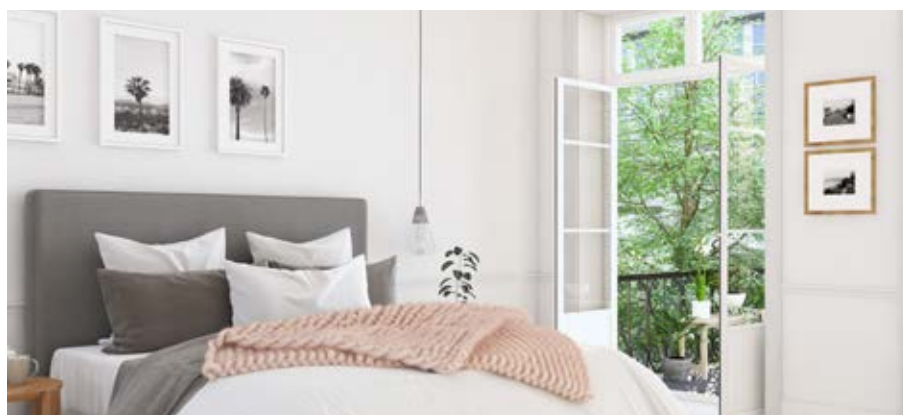
Healthy building

The true quality of building materials becomes clear when they are used. Only if properties are built with health in mind, can we live in a healthy environment and live a healthy life.

Healthy living = a healthy life

An insulated property provides a beautiful, clean environment that enhances the occupant's general comfort and health.

After years of intensive research, it's clear to us that construction methods and materials have a significant impact on occupier health. Regardless of style, all properties have one common goal to create a healthy building.



7 factors for a healthy building

1. Temperature

How warm or cold we find a room depends on the perceived temperature, which is determined by two factors: the air temperature and the surface temperature (thermal radiation).

2. Air humidity

In order to feel comfortable indoors, in addition to a pleasant room temperature, you also need the right amount of air humidity. We believe a humidity of between 40-60% as optimal.

3. Mould

Mould is one of the most dangerous factors affecting healthy living. If air humidity is too high, it can lead to the formation of mould. This increases the risk of respiratory diseases, infections and allergies.

4. Noise

Noise is considered to be one of the greatest environmental stress factors that can have a negative impact on well-being.

5. Emissions

A variety of polluting emissions can adversely affect the quality of indoor air including construction products, furniture and other furnishings, which often release chemical substances (VOCs) .

6. Odour

Unwanted odours caused by building materials are not only unpleasant but in the worst case, can also lead to health conditions such as headaches and tiredness.

7. Light

Bright, light-filled living spaces are vitally important for health and a positive mood.



If walls could talk...

...what would they tell us? By deciphering more than 1.5 million data points a year, the largest research project in Europe, the Baunit Viva Research Park gives walls a voice.



-
- Europe's largest comparative research project for building materials
 - 1.5 million measurement points a year
 - Supported by external analysis from research partners
-

VIVA Research Park

For over 25 years, we have been researching what 'healthy living' means and from our findings, we have launched numerous innovative products to make healthy living a reality.

Over the years, it became clear that there are few scientifically substantiated conclusions about the effects of building materials on health and well-being. In 2015, we launched a unique Europe-wide research project to fill the gaps.



Research and discovery

Located next to the Friedrich Schmid Innovation Centre in Austria, there are 13 research houses each built using different construction methods. From solid construction, concrete and brick to timber and lightweight timber frame constructions. Each building has been completed with different interior and exterior finishes.

The houses have internal dimensions of three by four metres and they each have a window and a door. All the houses have the same external climatic conditions. The building materials selected reflect contemporary products that are available on the market. This provides a real-life illustration of the

range of possible construction methods that builders may encounter.

User behaviour & habits

In each house, user behaviour is simulated. For example, we replicate steam and moisture created from showering and cooking along with typical ventilation you may find in a building.

There are over 30 measuring sensors in each house, which record a wide range of physical parameters around the clock.

The different building materials are regularly analysed for toxicological interactions, well-being, comfort and effects on health. An in-

house measuring station records and stores all collected data digitally.

Scientifically proven

To ensure data integrity, the results are further analysed by our research partners at the Austrian Institute for Building Biology and Ecology (IBO), the University of Applied Sciences Burgenland and MedUni Vienna.

Our continued investment in research and development allows us to thoroughly understand the impact building materials have on the interior of a building and ultimately the end-user. Our long-standing commitment enables us to develop products of the future that deliver a safe and healthy environment to all.





Efficient thermal insulation

Insulation first

The most effective method to create a healthy living space is an optimally insulated façade. The better the insulation, the more comfortable it will be for its residents. This is good for our health and reduces energy consumption.

Surprising facts about EWI Systems

An external wall insulation (EWI) system, is a system consisting of tested system components for the exterior insulation of buildings. It represents an excellent long-term investment in your house. You benefit immediately from a better quality of life and reduced energy costs over many decades from the very first hour.

A complete system

Baumit offers high-quality Baumit EWI Systems consisting of efficient insulating materials, proven adhesives and innovative top coats. External wall insulation systems protect your walls from external influences and ensure a stress-free, dry wall structure. But above all, good insulation keeps the inside temperature constant.

Warm in winter - cool in summer

During summer, EWI systems provide optimal thermal protection and prevent the walls from over-heating. In winter, EWI systems help the walls to stay warm. High-quality render systems are applied to protect from weathering.

Baumit EWI systems

are low-maintenance and thus preserve the value of your home. For existing buildings, thermal refurbishment provides an efficient way to reduce energy costs, increase comfort, and contribute to healthy living.





Efficient insulation

Optimal and efficient insulation not only affects the room temperature. A well-insulated façade also has a positive effect on convection, air humidity and mould prevention.

BENEFITS

Room temperature

Warm in winter, cool in summer. The right room temperature turns your housing space into rooms of well being. Living becomes more comfortable and healthy.

Lower convection

Thermal insulation ensures that walls stay warm. This helps to counter unpleasant draughts caused by thermal differences between the surface of the walls and the air temperature (convection).

Air humidity

Good thermal insulation reduces heating costs and has a positive effect on air humidity, creating a balanced and healthy indoor climate.

Mould prevention

The right insulation prevents thermal bridges. This helps to stop the formation

of condensation, thus reducing the risk of mould infestation.

Energy savings

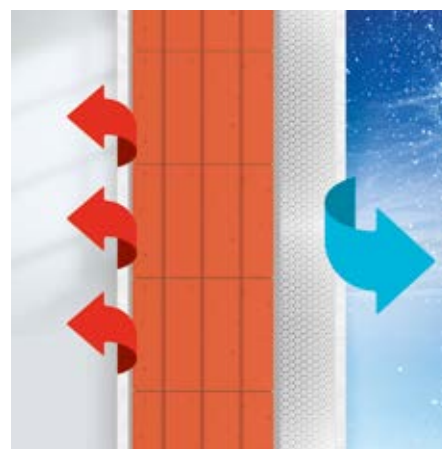
A good external wall insulation system will save you up to 50% of your heating costs - for a lifetime.

Reduce construction costs

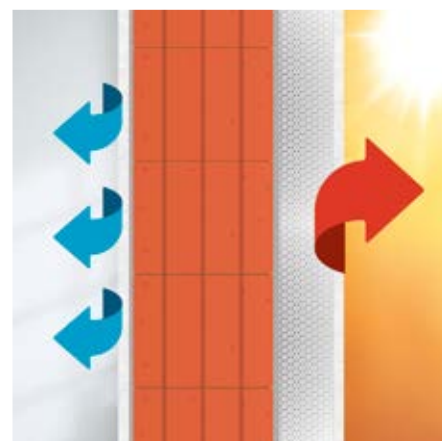
As well as saving on heating costs, the use of EWI systems can also save on construction costs due to their lean design. In addition, EWI systems are virtually maintenance-free.

Design & Function

The EWI systems from Baumit offer almost unlimited design possibilities in terms of the style, texture and colour.



In winter you save on heating costs ...



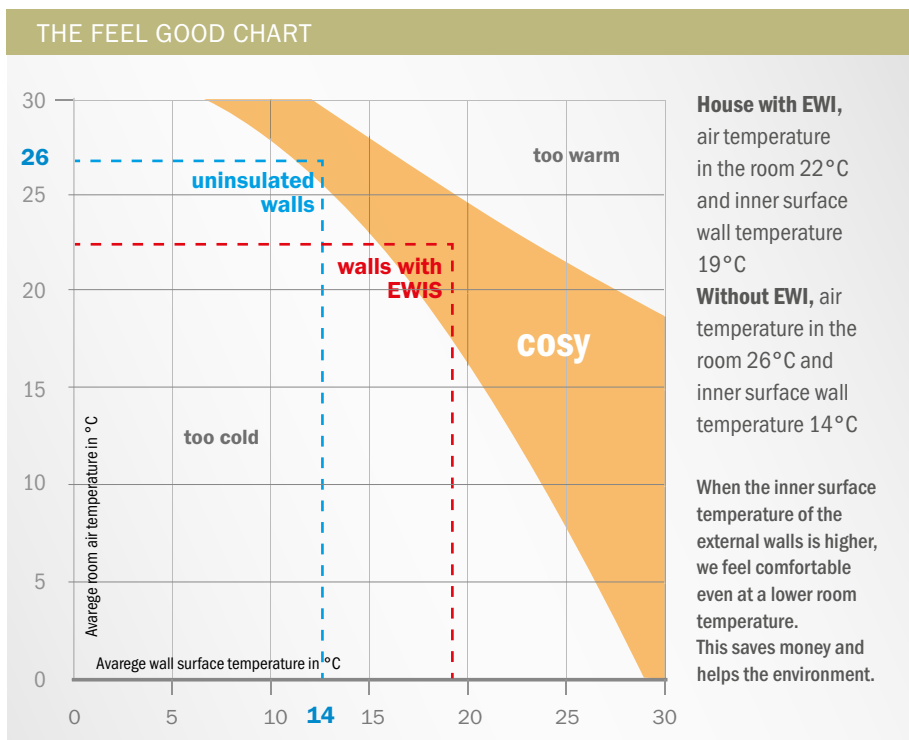
... and in summer on cooling costs!



Efficient thermal insulation

Room temperature

The temperature you feel depends on the following two factors: the air temperature and the surface temperatures of the surrounding walls (thermal radiation).



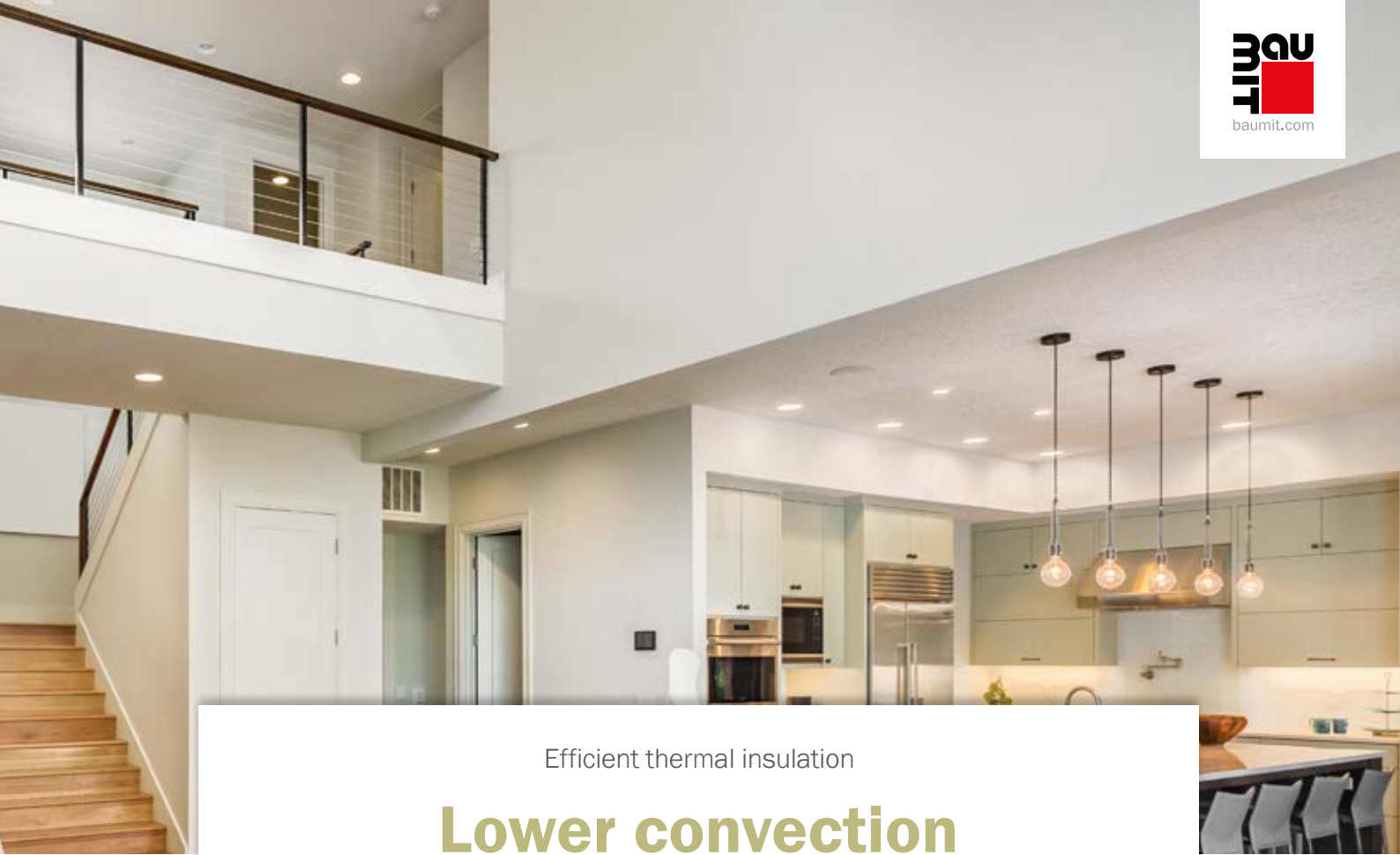
Air and surface temperature

The felt temperature is the relation of the air temperature and the temperature of the surrounding surfaces. Therefore it has a significant effect on our well being.

When the exterior walls are well insulated, the inner surface temperature of the wall is close to the indoor air temperature, even in winter.

If there is no thermal insulation, the inner surface temperatures in winter remain well below the indoor air temperature, even after prolonged heating.

In order to feel comfortable, the room temperature has to be increased substantially and this in turn affects the heating costs.



Efficient thermal insulation

Lower convection

If the difference between the room air and wall temperature is greater than 4 °C, unpleasant air currents occur, which are caused by the fact that warm air rises and cold air is drawn in. This phenomenon is also known as „convection“.



Temperature differences in the room

If the difference between the room air temperature and the wall temperature is greater than 4 °C, it can lead to unpleasant air currents caused by air that cools down on cold wall or windows. Its density increases and it flows downwards. The results are drafts that can seriously affect the coziness in a room. This phenomenon is also called „convection“. The cooling of the room air on the wall surfaces is reduced by thermal insulation. The creation of cold air layers on

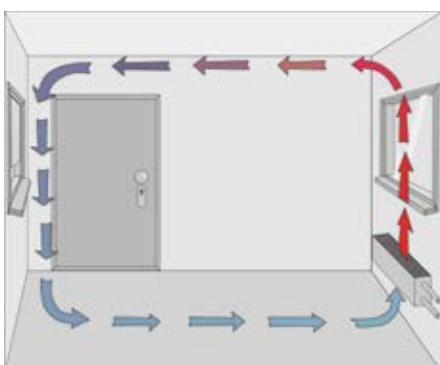
the floor is also reduced and the comfort increases without the need for additional heating.

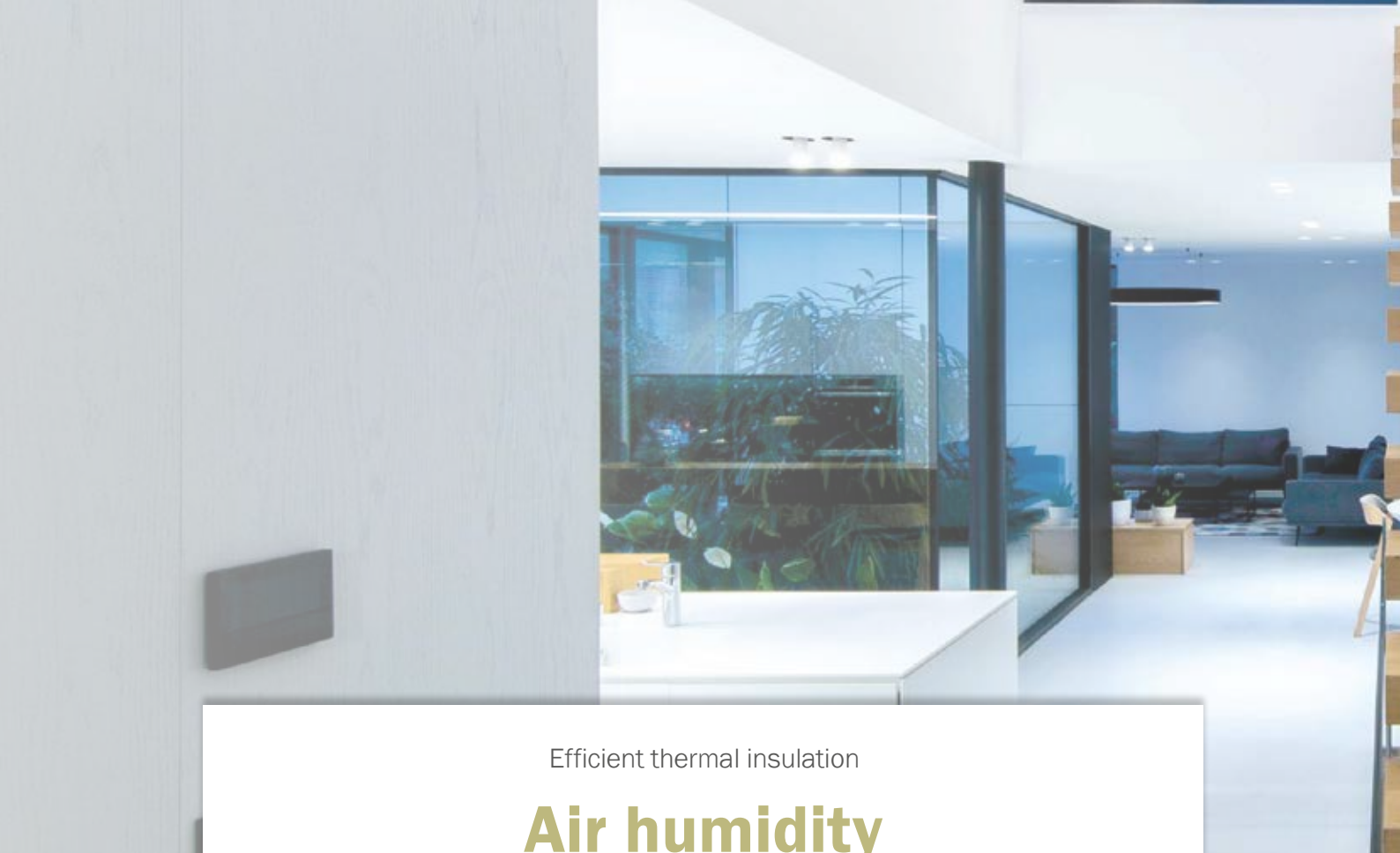
Different comfort zones

Different optimum temperatures are recommended for different rooms. It should be cooler in the bedroom, but warmer in the living room and bathroom.

WHICH TEMPERATURE IS RECOMMENDED IN WHICH ROOM?

Room	Optimum air temperature
Living rooms and work rooms	20 - 22 °C
Bedroom	17 - 18 °C
Children's room	20 - 22 °C
Kitchen	18 °C
Bathroom	23 °C
Cellar	10 - 15 °C





Efficient thermal insulation

Air humidity

In order to feel comfortable indoors, in addition to the right room temperature, you also need the right air humidity. We perceive a relative humidity of between 40 and 60% as a pleasant indoor climate.

Low air humidity – of less than 30% – causes the mucous membranes of the nose and throat to dry out and also leads to dry eyes. In addition, bacteria and viruses can remain in dry air for a longer period of time. This, and the drying out of the mucous membranes, increases the risk of infection for people and animals.

Humidity and condensation

Warmer air can contain more water vapour than cooler air. Therefore the relative humidity decreases with higher temperatures even though the quantity of absolute water vapour is the same. A simple example for mould infestation can be seen at the inner corners of an outer wall. These corners are constructional thermal bridges, which means that the surface temperatures are lower than in other areas of the surface. The cooler air close to the surface, might not be able to absorb all the existing water vapour which can lead to condensation and in the next step to mould infestation. In winter, generally the relative humidity should not exceed 60% for longer periods.



A major part of air humidity is produced by the habits of people living at home. In a 4-person household, about 3-4 litres of water in the form of vapour are released as a result of cooking, showering, breathing, drying clothes and house plants.

Impact on health

Excessive air humidity can have huge effects on health. The connection between mould infestation in houses and health complaints is undisputed. Mould infestation increases the risk of developing asthma by 50% and the risk of allergies by 30%.



Regulation by EWI

Thermal insulation clearly has a positive effect on relative humidity, creating a balanced room climate.

Measurements by the scientists at the Viva Research Park show that an insulated brick house remains in the healthy air humidity range during the heating season, while an uninsulated house drops into the at risk region below 40 %.

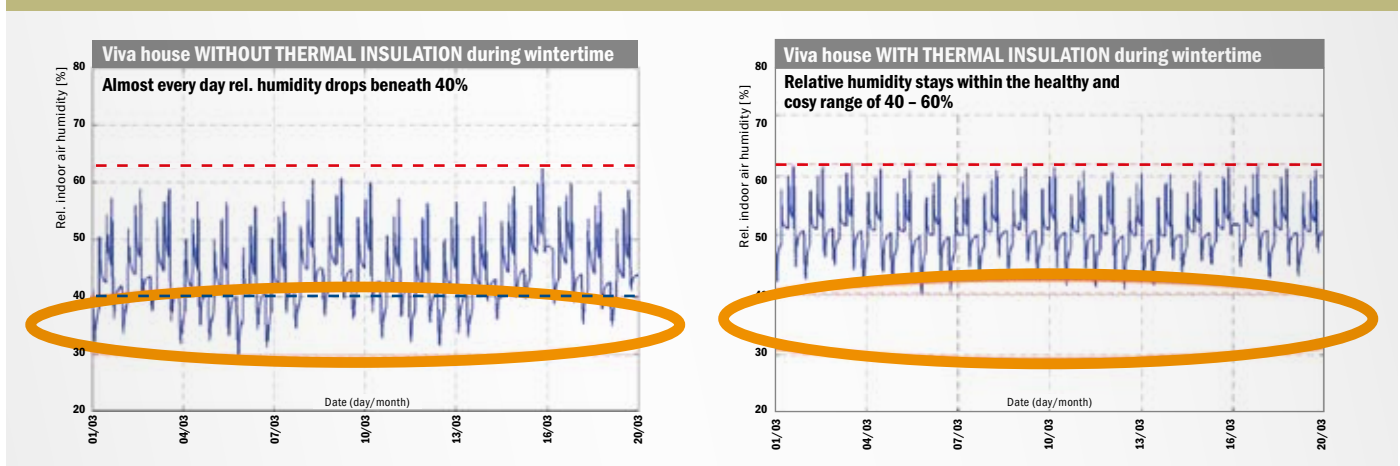
This means that the risk of dry mucous membranes and the associated risk of infection can be decreased with an EWI System. (see comparative graphs)

This occurs because, in an uninsulated house, the external walls cool down more in winter, causing the inside surface temperature of the walls to decrease as well. In order to overcome this and achieve a comfortable indoor climate throughout the room, the room

temperature in uninsulated houses has to be significantly higher. This reduces the level of comfort due to increased convection on one hand, and at the same time, more heating is constantly required to compensate for the exchange of heat with the cool walls.

These increased heating cycles lead to a reduction in air humidity because warm air can absorb more moisture, causing the relative humidity to decrease.

EWIS REGULATES HUMIDITY





Efficient thermal insulation

Mould prevention

Warm walls can prevent moisture from condensing, therefore they can prevent the formation of harmful mould. Good thermal insulation is an essential part to create a healthy, mould-free indoor climate.

Mould infestation

Besides the suitable temperature and nutrition, mould needs moist surfaces to grow. Moist surfaces occur when the water vapour content in the air is too high and cannot be retained anymore. This phenomenon is called condensation and will happen especially on cooler areas of the walls. This moisture creates the perfect breeding ground for mould spores, resulting in a visible mould infestation.

How dangerous is mould in the home?

Mould fungus can pose a health hazard if the spores are inhaled in large numbers. Basically, all moulds are capable of causing allergic reactions, such as hay fever (runny nose, eye irritation, sneezing). If you live in a damp, mouldy home, you also have an increased risk of respiratory diseases and infections, as well as an exacerbation of an existing asthma condition.





Thermal insulation to prevent mould

What can be seen in the chart, is that the relation between the relative air humidity and the wall surface temperature is crucial for the risk of mould infestation. The higher the wall temperature the lower the risk of moulds.

Thermal bridges

Thermal bridging occurs when a relatively

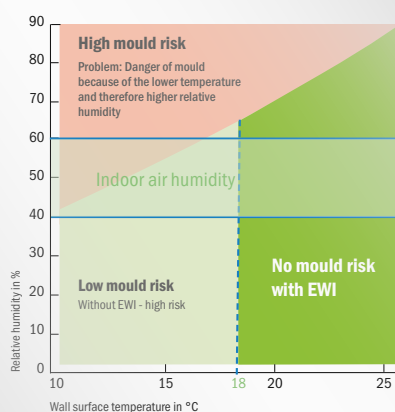
small area of a wall, floor or roof loses much more heat than the surrounding area.

The effects of thermal bridging may include increased heat loss, occupant discomfort, unanticipated expansion/contraction, condensation, freeze-thaw damage, and related moisture and/or mold problems. Thermal bridges, and the subsequent damage, can be avoided by several strategies

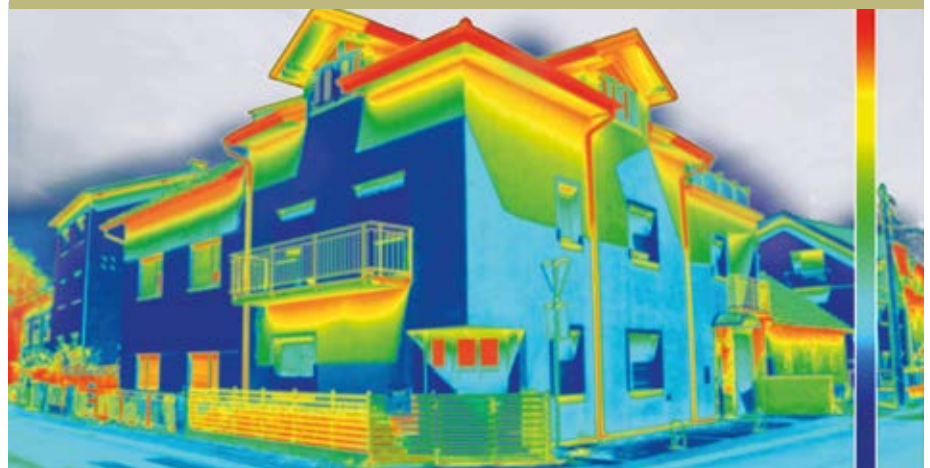
which are best implemented during the design stage, when changes can be easily incorporated.

After construction, repairing thermal bridges can be both costly and difficult. Choosing an EWI System significantly reduces thermal transmission through outer walls and therefore greatly improves living comfort.

IDEAL INDOOR CLIMATE



THERMAL BRIDGES





Efficient thermal insulation

Energy Saving

The highest energy losses can happen through non insulated walls and roofs. Not to forget the enormous improvement of comfort when insulating a house. Poorly insulated buildings allow valuable energy to escape through the building envelope.

Make smart improvements

In order to save energy, there are various improvements which can be implemented. Façade insulation plays a key role, as enormous heat losses arise through outer walls. A well insulated house reduces heating costs. However, insulating the façade should not be the only improvement measure. An uninsulated roof or a basement ceiling also results in high heat loss.

Save efficiently

The heating equipment should also be up to date so it provides heat efficiently. Carrying out these measures in addition to façade insulation enables significantly higher energy savings. A well installed EWI system minimises heating costs during the winter months and makes a air conditioning unnecessary during the summer months, thus saving energy in two ways. You can reduce your energy costs up to 50%

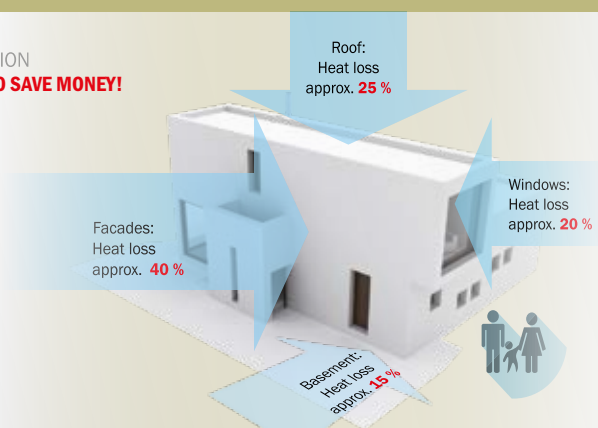
by making thermal improvements to your home. If you are building a new house, it is even possible to build a passive house or zero energy house, thereby reducing the operating costs to a minimum.



PAY LESS FOR DECADES

INSULATION

HELPS TO SAVE MONEY!





Efficient thermal insulation

Reduce construction costs

Thinking about the right external wall insulation system during the planning process of a building, can not only save lots of time and trouble afterwards but also money when it comes to the upfront building costs.

Prevent and protect

An EWI System makes it possible to slim down the thickness of the masonry beneath. So instead of 50 cm bricks, the more economical 25cm size can be used, which helps to reduce construction costs.

Deciding on an EWI System not only helps to save money in the short-term but also in the long-term as it protects the masonry underneath and requires less maintenance. Uninsulated walls allow cold to penetrate the brickwork – and allow heat to quickly escape in the opposite direction. These extreme temperature differences lead to stress on the wall, which not only has a negative effect on the indoor temperature but can also damage the building fabric in the long term.

Building wisely

However, the use of insulation can be an effective counter to these developments. A layer of reinforcement and the final coat provides immunity to seasonal temperature fluctuations and also driving rain. The brickwork is thus protected from moisture

from the outside, which in combination with frost can lead to cracks in the render and further damage.

Protection against mould

Mould on interior walls can also result in

long-term damage to the building fabric.

An EWI System comes to the rescue in this instance as well. This is because, in insulated buildings, moisture no longer accumulates on the walls.





Efficient thermal insulation

Design & Function

Baumit external wall insulation systems offer almost limitless design freedom when it comes to the external appearance of the façade. Whether a unique colour concept or creative structures - the final coating solutions from Baumit leave nothing to be desired.

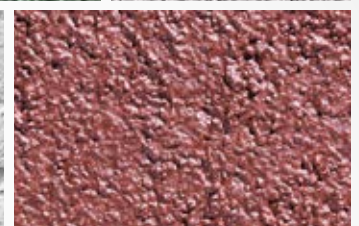
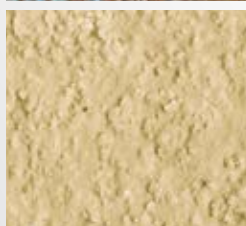
Whether you opt for a unique colour concept or creative texturing, the top coat solutions from Baumit have everything you need.

Baumit top coats are proven to last for decades. Not only do they protect the façade from moisture and mechanical stresses, but they also enable houses to keep their initial shine for many years.

Baumit tops and colours

When choosing façade renders or façade paints, be creative and choose your favourites from 888 colour shades, create highlights with glitter or metallic shades and/or play with special surface textures.

TOP COATS





PREMIUM TOPS AND COLORS

Premium Tops and Colors offer longer protection against dirt pollution, self-cleaning of the surface, keep the colour of the façade long-lasting, beautiful and vibrant. Baumit premium products are easy and quick to apply with a perfect uniform texture and finally it allows the usage of dark and intense shades even on large areas of insulated façades.

Baumit Nanopor

Thanks to the smooth surface in its microscopic structure, Baumit NanoporTop and NanoporColor have improved their self-cleaning capability. The result is a dirt resistant surface that stays beautiful for a long time.

Baumit Star

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

Baumit Pura

This products perfectly enhances the character of your façade. The improved embedding of the pigments leads to high colour stability, which enables intense and dark colour shades. Combined with cool pigment technology from Baumit, PuraTop and PuraColor make it possible to apply even dark colours on the entire surface of your EWI System.





Beautiful & Individual Façades

Baumit Render & Paints

Baumit topcoats are proven to last for decades. With a wide range of creative finishes and colours, Baumit topcoats reliably protect façades from environmental influences such as moisture, heat, algae and mould.



Project by: R Fulcher & Sons – Baumit Approved

888 BAUMIT LIFE COLOURS

Welcome to the world of 'Baumit LIFE'. Baumit LIFE is more than just Europe's most comprehensive colour range for façades, it promotes individuality and breathes life into uninspiring façades. Colour can excite or calm, it can create a relaxing or stimulating atmosphere; it provides character and affects our emotions. Make the most of the power and magic of colour to create your own unique look. Create your own way of LIFE.



- Flexible protection for buildings
- The most innovative colour system for façades
- Durable, advanced technologies for every substrate
- Strong and safe
- Advanced technologies
- Ready to use products
- Individual and creative
- Proven to last for decades

INNOVATIVE RENDER TECHNOLOGY

Baumit topcoats are not only easy to use and attractive, they also provide the right solution for every situation. From built-in self-cleaning nanotechnology, to especially intense and long-lasting colours using cool pigments – Baumit topcoats are real all-rounders and fulfil every requirement.

TIP: All Baumit façade paints are suitable for super-fast airless spraying application!

EXPRESS CREATIVITY

Façade creativity doesn't just come down to colour. Grooved, fine, course or smooth textures can create a unique finish to any project. Want something even more unique? Baumit special effect coatings open up new dimensions in façade design and give expression to creativity, uniqueness and imagination. You can add eye-catching colours, a metallic sheen or a glittering sparkle.

Baumit Tops & Colours

AIRLESS SPRAYABLE

BOLD COLOURS

For more details, see page 22

COVERAGE

COOLING PIGMENTS

For more details, see page 23



AIRLESS SPRAYABLE



All Baumit façade paints are suitable for airless machine application. This allows paint to be applied quickly and evenly to a large area within a short period of time, saving working hours and resources.

LONG LASTING



Thanks to their unique formulation, Baumit paints and renders are extremely resistant to the elements. They prevent damage to the façade and help to protect the buildings structure.

COVERAGE



Baumit façade paints are characterised by their high level of coverage. The high proportion of pigments ensures intense, beautiful and long-lasting colours, even on the first application.

Benefits

LONG LASTING

BEST CONSUMPTION

EXCELLENT DURABILITY

SUSTAINABILITY

SELF-CLEANING

BEST CONSUMPTION



Our renders unique formulation guarantees the highest efficiency of consumption, depending on the texture and grain size.

DURABILITY



The façade of a building is more than just its superficial appearance. The thicker this shield is, the better it can protect buildings against the elements like heat, rain and hail. Larger grain sizes increase the layer thickness and therefore the durability of a façade.

SUSTAINABILITY



In order to protect a façade against organic substances such as algae and moulds, and to guarantee long lasting results, all Baumit ready-to-use products contain environmentally friendly biocides. However, as this is not always required, a biocide free recipe is also available.

OVERVIEW

Baumit Tops & Colours



Baumit NanoporTop & NanoporColor



- Perfect application
- Mineral and breathable
- Long lasting cleanliness

self-cleaning	■	■	■	■	■
resistance	■	■	■	■	
diffusion	■	■	■	■	■
colour variations	■	■	■		
suitable for base area	■	■	■		
variety of textures	■	■	■	■	



self-cleaning	■	■	■	■	■
resistance	■	■	■	■	
diffusion	■	■	■	■	■
colour variations	■	■	■		
suitable for base area	■	■	■		
colour intensity	■	■	■		

Baumit StarTop & StarColor



- Especially strong & durable
- The best moisture protection
- Better workability

	■	■	■	■	■
	■	■	■	■	■
	■	■	■	■	■
	■	■	■	■	
	■	■	■	■	
	■	■	■		



	■	■	■	■	
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Baumit PuraTop & PuraColor



- Brilliant colours
- Extremely durable
- For decorative surface design

■	■	■			
■	■	■	■		
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Baumit Render & paints form a protective shield against weathering of any kind. They not only ensure the visual appearance of a façade, but also the durability of the underlying thermal insulation and structure.

Baumit SilikonTop & SilikonColor	Baumit SilikatTop & SilikatColor	Baumit GranoporTop & GranoporColor	Baumit CreativTop & Lasur, Glitter, Metallic
			
			
<ul style="list-style-type: none"> ■ High coverage ■ Premium protection ■ Highly moisture & weather resistant 	<ul style="list-style-type: none"> ■ Breathable ■ Specialised for renovation ■ Proven façade colour 	<ul style="list-style-type: none"> ■ Weatherproof ■ Very good water repellency ■ Easy application 	<ul style="list-style-type: none"> ■ Endless design possibilities ■ Individual textures ■ Creative, colourful and unique
			
			
			



Baumit White Tones

Shades of White

Colour trends come and go but classic white will always remain a popular choice – especially on the façade! In combination with black it's often the only thing you need to create perfect harmony.

- **12 unique white tones**
- **For the perfect white façade**
- **Simplicity and style united**



The effect of white

White is the sum of all colours of light and in its purest form, is also their absence. White looks clean and clear, but also cool and businesslike.

The effect of white façades is as stunning as that of any colour. Choosing the right white tone for your façade is often anything but an easy decision. No wonder, because the colour white is rarely just white. Pure White? Off-White? Warm white? Cold white? Even small variations can make a huge difference in the appearance of a building. Warm whites have undertones of red, orange and yellow, resulting in a soft glow and welcoming vibe. Cooler whites have hints of green, blue and violet, contributing to a clean and fresh look.

Cool down

Besides the clean and timeless appearance of white façades – they also have a functional side as well. White reflects a large amount of solar radiation, which helps reduce the temperature of overheated cities during the hot summer months.

12 shades of white

To limit the almost boundless possibilities, Baumit took the 12 most beautiful white tones and combined them to create a unique colour collection - the Baumit “12 Shades of White” palette. Choose from 12 selected tones to give your project a timeless appearance – as always in the well-known high Baumit quality. All white tones are available in Baumit StarTop/Color, Baumit CreativTop and Baumit SilikonTop /Color.





Why do architects dress in black but build in white?

Have you ever thought about it?

We did – and we wanted to know the reason why, so we interviewed 50 Architects from all over Europe – asking this and various other questions when it comes to Architecture & Design. Simple questions with surprising answers.

”As much as I want to believe and to talk about colours at the start of each project, in the end, the result always ends up black-and-white. Black is enough. White is the same. The beauty of these two colours is absolute. They create the perfect harmony.

Architect Militsa Petrova
Spacemode Studio, Bulgaria

In monochrome, proportions are emphasised and clearly stated, lines are clean, volumes are sincere and mistakes cannot be hidden... Architects use shapes and space and maybe that is the whole idea: to create a material entity that imparts emotion and feeling beyond the effect of the colour design, beyond the trendy colour tones and beyond the constraints of time.



Baumit
"Shades of White" Book.
Available to download on
our website.



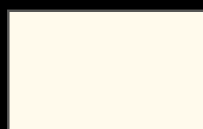
SHADES OF WHITE



W1200 (Life 0019)



W1201



W1202



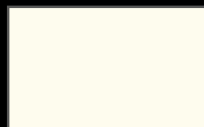
W1203



W1204 (Life 0017)



W1205 (Life 0018)



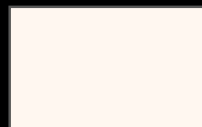
W1206



W1207 (Life 0859)



W1208



W1209



W1210 (Life 0869)



W1211 (Life 0699)

All colour samples shown here serve as a visual orientation for the selected product. Slight deviations between the colours shown here, colour samples, colour folders, natural patterns and the materials provided are possible during production and can not be claimed. The uniformity of colour and texture can only be guaranteed within one production batch.

Baumit Life
***A World full
of Colour***

- 888 Baumit Life Colours
- Shades of White
- Lasur, Glitter & Metallic
- Mosaik



Baunit Lasur



725L Shine



726L Sensual



727L Impulse



728L Gentle



729L Solid



730L Mystic



731L Fresh



732L Casual



733L Placid



734L Faith



735L Cosy

Baunit Glitter



771G Gold



773G Silver



774G SilverFine



775G Rainbow

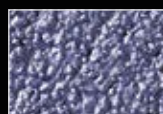
Baunit Metallic



746M Tital



747M Platin



748M Saphir



751M Smaragd



753M Gold



754M Rubin



7755M Bronze



756M Azurit

Baunit Mosaik – Essential Line



M 301 Albaron



M 302 Monviso



M 303 Matterhorn



M 304 Denali



M 305 Victoria



M 306 Parnass



M 307 Bistra



M 308 Kope



M 312 Cook



M 313 Athos



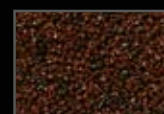
M 314 Ararat



M 315 Rodna



M 316 Kosh



M 317 El Capitan



M 318 Rax



M 325 Bellavista



M 326 Triglav



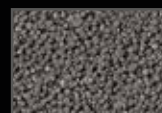
M 327 Rushmore



M 328 Durano



M 329 Cristallo



M 330 Elbrus



M 331 Nemrut

All colour samples shown here serve as a visual orientation for the selected product. Slight deviations between the colours shown here, colour samples, colour folders, natural patterns and the materials provided are possible during production and can not be claimed. The uniformity of colour and texture can only be guaranteed within one production batch. Some MosaikTop colours require a coloured primer, please consult the product data sheet for the corresponding PremiumPrimer for each MosaikTop colour.

Baunit Mosaik – Natural Line



M 337 Montblanc



M338 Olympus



M 339 Castle



M 340 Babia



M 341 Rocky



M 342 Everest



M 343 Etna



M 344 Vesuvius

888 Baunit Life colours

0014	0021 ●	0031 ●	0041 ●	0051 ●	0061 ●	0071 ●	0081 ●	0121 ●	0131 ●	0141 ●
0015	0022 ●	0032 ●	0042 ●	0052 ●	0062 ●	0072 ●	0082 ●	0122 ●	0132 ●	0142 ●
0016	0023 ●	0033 ●	0043 ●	0053 ●	0063 ●	0073 ●	0083 ●	0123 ●	0133 ●	0143 ●
0017	0024	0034	0044	0054	0064	0074	0084	0124	0134	0144
0018	0025	0035	0045	0055	0065	0075	0085	0125	0135	0145
0019	0026	0036	0046	0056	0066	0076	0086	0126	0136	0146
	0027	0037	0047	0057	0067	0077	0087	0127	0137	0147
	0028	0038	0048	0058	0068	0078	0088	0128	0138	0148
	0029	0039	0049	0059	0069	0079	0089	0129	0139	0149
0151 ●	0161 ●	0171 ●	* 0181 ●	* 0191 ●	0201 ●	0211 ●	0221 ●	0231 ●	0241 ●	0281 ●
0152 ●	0162 ●	0172 ●	0182 ●	0192 ●	0202 ●	0212 ●	0222 ●	0232 ●	0242 ●	0282 ●
0153 ●	0163 ●	0173 ●	0183 ●	0193 ●	0203 ●	0213 ●	0223 ●	0233 ●	0243 ●	0283 ●
0154	0164	0174	0184	0194	0204	0214	0224	0234	0244	0284
0155	0165	0175	0185	0195	0205	0215	0225	0235	0245	0285
0156	0166	0176	0186	0196	0206	0216	0226	0236	0246	0286
0157	0167	0177	0187	0197	0207	0217	0227	0237	0247	0287
0158	0168	0178	0188	0198	0208	0218	0228	0238	0248	0288
0159	0169	0179	0189	0199	0209	0219	0229	0239	0249	0289
0291 ●	0301 ●	0311 ●	0321 ●	0331 ●	0341 ●	0351 ●	* 0361 ●	* 0371 ●	* 0381 ●	* 0391 ●
0292 ●	0302 ●	0312 ●	0322 ●	0332 ●	0342 ●	0352 ●	0362 ●	* 0372 ●	* 0382 ●	* 0392 ●
0293 ●	0303 ●	0313 ●	0323 ●	0333 ●	0343 ●	0353 ●	0363 ●	0373 ●	0383 ●	0393 ●
0294	0304	0314	0324	0334	0344	0354	0364	0374	0384	0394
0295	0305	0315	0325	0335	0345	0355	0365	0375	0385	0395
0296	0306	0316	0326	0336	0346	0356	0366	0376	0386	0396
0297	0307	0317	0327	0337	0347	0357	0367	0377	0387	0397
0298	0308	0318	0328	0338	0348	0358	0368	0378	0388	0398
0299	0309	0319	0329	0339	0349	0359	0369	0379	0389	0399
* 0401 ●	* 0411 ●	* 0421 ●	* 0431 ●	* 0441 ●	0451 ●	0461 ●	0471 ●	0481 ●	0491 ●	0501 ●
* 0402 ●	* 0412 ●	* 0422 ●	* 0432 ●	* 0442 ●	0452 ●	0462 ●	0472 ●	0482 ●	0492 ●	0502 ●
0403 ●	0413 ●	* 0423 ●	0433 ●	0443 ●	0453 ●	0463 ●	0473 ●	0483 ●	0493 ●	0503 ●
0404	0414	0424	0434	0444	0454	0464	0474	0484	0494	0504
0405	0415	0425	0435	0445	0455	0465	0475	0485	0495	0505
0406	0416	0426	0436	0446	0456	0466	0476	0486	0496	0506
0407	0417	0427	0437	0447	0457	0467	0477	0487	0497	0507
0408	0418	0428	0438	0448	0458	0468	0478	0488	0498	0508
0409	0419	0429	0439	0449	0459	0469	0479	0489	0499	0509
* 0511 ●	* 0521 ●	0561 ●	0571 ●	* 0581 ●	0591 ●	0601 ●	* 0611 ●	* 0621 ●	* 0631 ●	* 0671 ●
* 0512 ●	* 0522 ●	0562 ●	0572 ●	* 0582 ●	0592 ●	0602 ●	* 0612 ●	* 0622 ●	* 0632 ●	* 0672 ●
0513 ●	0523 ●	0563 ●	0573 ●	0583 ●	0593 ●	0603 ●	0613 ●	0623 ●	0633 ●	0673 ●
0514	0524	0564	0574	0584	0594	0604	0614	0624	0634	0674
0515	0525	0565	0575	0585	0595	0605	0615	0625	0635	0675
0516	0526	0566	0576	0586	0596	0606	0616	0626	0636	0676
0517	0527	0567	0577	0587	0597	0607	0617	0627	0637	0677
0518	0528	0568	0578	0588	0598	0608	0618	0628	0638	0678
0519	0529	0569	0579	0589	0599	0609	0619	0629	0639	0679

● Priming with Baunit PremiumPrimer recommended (coloured according to product data sheet).

* Can be used over large areas with Baunit EWI Systems with an increased basecoat thickness (minimum thickness at least 5mm) or Baunit PowerFlex according to the product data sheet.

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

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).

● 0681	● 0691	● 0701	● 0711	● 0721	● 0731	● 0741	● 0751	● 0761	● 0771	● 0781
● 0682	● 0692	● 0702	● 0712	● 0722	● 0732	● 0742	● 0752	● 0762	● 0772	● 0782
● 0683	● 0693	● 0703	● 0713	● 0723	● 0733	● 0743	● 0753	● 0763	● 0773	● 0783
● 0684	● 0694	● 0704	● 0714	● 0724	● 0734	● 0744	● 0754	● 0764	● 0774	● 0784
● 0685	● 0695	● 0705	● 0715	● 0725	● 0735	● 0745	● 0755	● 0765	● 0775	● 0785
● 0686	● 0696	● 0706	● 0716	● 0726	● 0736	● 0746	● 0756	● 0766	● 0776	● 0786
● 0687	● 0697	● 0707	● 0717	● 0727	● 0737	● 0747	● 0757	● 0767	● 0777	● 0787
● 0688	● 0698	● 0708	● 0718	● 0728	● 0738	● 0748	● 0758	● 0768	● 0778	● 0788
● 0689	● 0699	● 0709	● 0719	● 0729	● 0739	● 0749	● 0759	● 0769	● 0779	● 0789
● 0791	● 0831	● 0841	● 0851	● 0861	● 0871	● 0881	● 0891	● 0901	● 0911	● 0921
● 0792	● 0832	● 0842	● 0852	● 0862	● 0872	● 0882	● 0892	● 0902	● 0912	● 0922
● 0793	● 0833	● 0843	● 0853	● 0863	● 0873	● 0883	● 0893	● 0903	● 0913	● 0923
● 0794	● 0834	● 0844	● 0854	● 0864	● 0874	● 0884	● 0894	● 0904	● 0914	● 0924
● 0795	● 0835	● 0845	● 0855	● 0865	● 0875	● 0885	● 0895	● 0905	● 0915	● 0925
● 0796	● 0836	● 0846	● 0856	● 0866	● 0876	● 0886	● 0896	● 0906	● 0916	● 0926
● 0797	● 0837	● 0847	● 0857	● 0867	● 0877	● 0887	● 0897	● 0907	● 0917	● 0927
● 0798	● 0838	● 0848	● 0858	● 0868	● 0878	● 0888	● 0898	● 0908	● 0918	● 0928
● 0799	● 0839	● 0849	● 0859	● 0869	● 0879	● 0889	● 0899	● 0909	● 0919	● 0929
● 0931	● 0971	● 0981	● 0991	● 1001	● 1011	● 1021	● 1031	● 1041	● 1051	● 1061
● 0932	● 0972	● 0982	● 0992	● 1002	● 1012	● 1022	● 1032	● 1042	● 1052	● 1062
● 0933	● 0973	● 0983	● 0993	● 1003	● 1013	● 1023	● 1033	● 1043	● 1053	● 1063
● 0934	● 0974	● 0984	● 0994	● 1004	● 1014	● 1024	● 1034	● 1044	● 1054	● 1064
● 0935	● 0975	● 0985	● 0995	● 1005	● 1015	● 1025	● 1035	● 1045	● 1055	● 1065
● 0936	● 0976	● 0986	● 0996	● 1006	● 1016	● 1026	● 1036	● 1046	● 1056	● 1066
● 0937	● 0977	● 0987	● 0997	● 1007	● 1017	● 1027	● 1037	● 1047	● 1057	● 1067
● 0938	● 0978	● 0988	● 0998	● 1008	● 1018	● 1028	● 1038	● 1048	● 1058	● 1068
● 0939	● 0979	● 0989	● 0999	● 1009	● 1019	● 1029	● 1039	● 1049	● 1059	● 1069
● 1071	● 1111	● 1121	● 1131	● 1141	● 1151	● 1161	<div>White: Available in any product</div> <div>Red: Only available in PuraColor and PuraTop</div> <div>Blue: Only available in PuraTop, PuraColor, StarTop, StarColor, GranoporTop, GranoporColor and CreativTop Max, Trend, Fine</div>			
● 1072	● 1112	● 1122	● 1132	● 1142	● 1152	● 1162				
● 1073	● 1113	● 1123	● 1133	● 1143	● 1153	● 1163				
● 1074	● 1114	● 1124	● 1134	● 1144	● 1154	● 1164				
● 1075	● 1115	● 1125	● 1135	● 1145	● 1155	● 1165				
● 1076	● 1116	● 1126	● 1136	● 1146	● 1156	● 1166				
● 1077	● 1117	● 1127	● 1137	● 1147	● 1157	● 1167				
● 1078	● 1118	● 1128	● 1138	● 1148	● 1158	● 1168				
● 1079	● 1119	● 1129	● 1139	● 1149	● 1159	● 1169				

Baumit Shades of White

W1200 (Life 0019)	W1201	W1202	W1203	W1204 (Life 0017)	W1205 (Life 0018)
W1206	W1207 (Life 0859)	W1208	W1209	W1210 (Life 0869)	W1211 (Life 0699)

W1200 is only available in StarTop/Color and CreativTop. All other white tones available in Baumit StarTop/Color, CreativTop and SilikonTop/Color. We recommend ordering a sample before purchase.



Baumit NanoporTop & NanoporColor

Self-cleaning Effect

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.

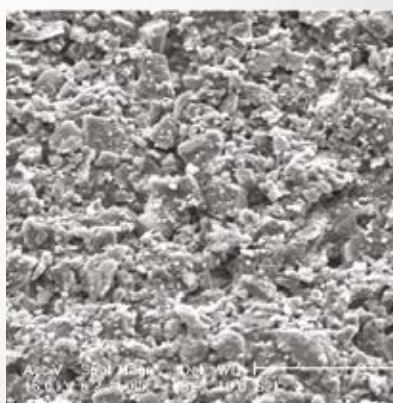
- **Nanopor technology**
- **Microscopically smooth surface**
- **Long lasting beauty**

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.

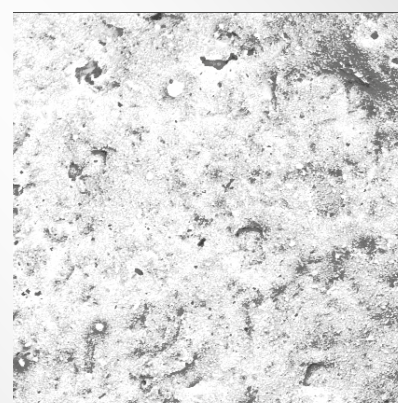
NORMAL RENDER



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

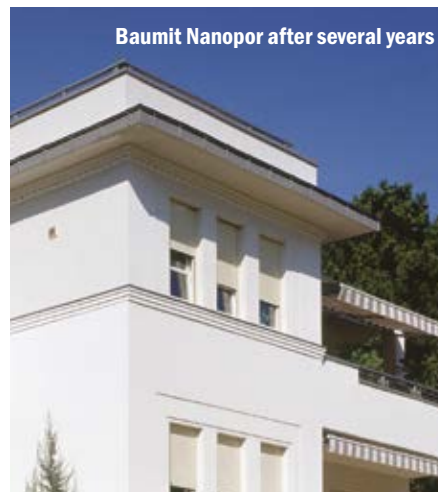
The microscopically smooth surface of Baumit NanoporTop Topcoat makes it hard for dirt particles to take hold.



Standard Coating after several years



Baumit Nanopor after several years



Baumit StarTop & StarColor

Ultimate Weather Resistance

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.

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



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

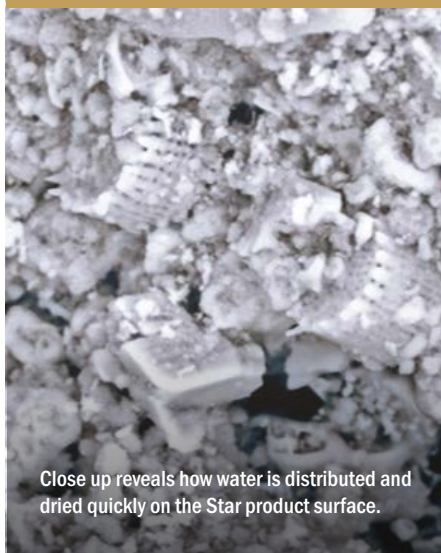
StarTop is easy to apply and has a very uniform texture making it easier to work with. The ready-to-use render can be applied with little effort due to its workability.



EXPERT TIP

Available in all
12 exclusively selected
"Shades of White"
colour tones!

MICROSCOPIC CLOSE UP



Close up reveals how water is distributed and dried quickly on the Star product surface.



Star products have a large surface area similar to the structure of coral.



Baumit PuraTop & PuraColor

Bold Statement Colours

There is a trend towards very intense shades on the façade. However, combining architectural aesthetics with the high demands of energy efficiency and durability challenged building owners, designers and contractors until now.

- Full range of colours
- Intense colour tones
- 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. But, 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

0021	0031	0041	0051	0061	0071	0081	0121	0131	0141	0151	0161	0171	0181
0191	0201	0211	0221	0231	0241	0281	0291	0301	0311	0321	0331	0341	0351
0361	0371	0381	0391	0401	0411	0421	0431	0441	0451	0461	0471	0481	0491
0501	0511	0521	0561	0571	0581	0591	0601	0611	0621	0631	0671	0681	0691
0701	0711	0721	0731	0741	0751	0761	0771	0781	0791	0831	0841	0851	0861
0871	0881	0891	0901	0911	0921	0931	0971	0981	0991	1001	1011	1021	1031
1041	1051	1061	1071	1111	1121	1131	1141	1151	1161				

The samples shown are intended as a colour guide for the product selected. It cannot be guaranteed that the colours of the materials supplied will be absolutely identical.

Cooling Pigments

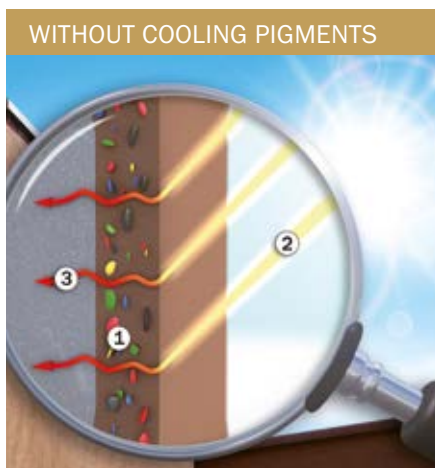
Cooling pigments reflect a large proportion of the sunlight to which they are exposed, reducing surface temperature and making it possible to apply dark colours over an entire externally insulated surface. The new pigment is mixed into paints and renders during the production process.

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

The cooling technology: Compared to standard pigments, cool pigments reflect much larger proportion of solar energy. Due to the higher reflection, cooling pigments reduce the surface temperature drastically. That's how Baumit renders and paints stay really cool.

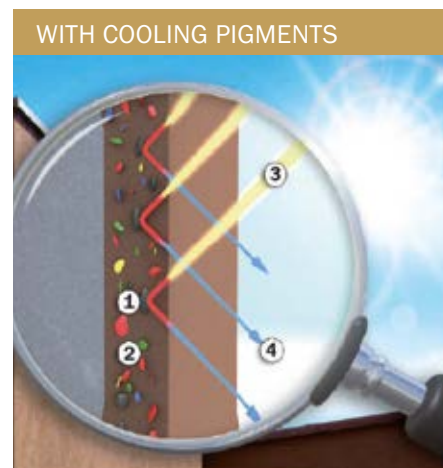
BRV = Brightness Reference Value (HBW)
The Brightness Reference Value (BRV/HBW) expresses the brightness of a colour to the human eye compared to pure white (= HBW 100) or to deep black (=HBW 0).

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.



Surface with CoolPigments

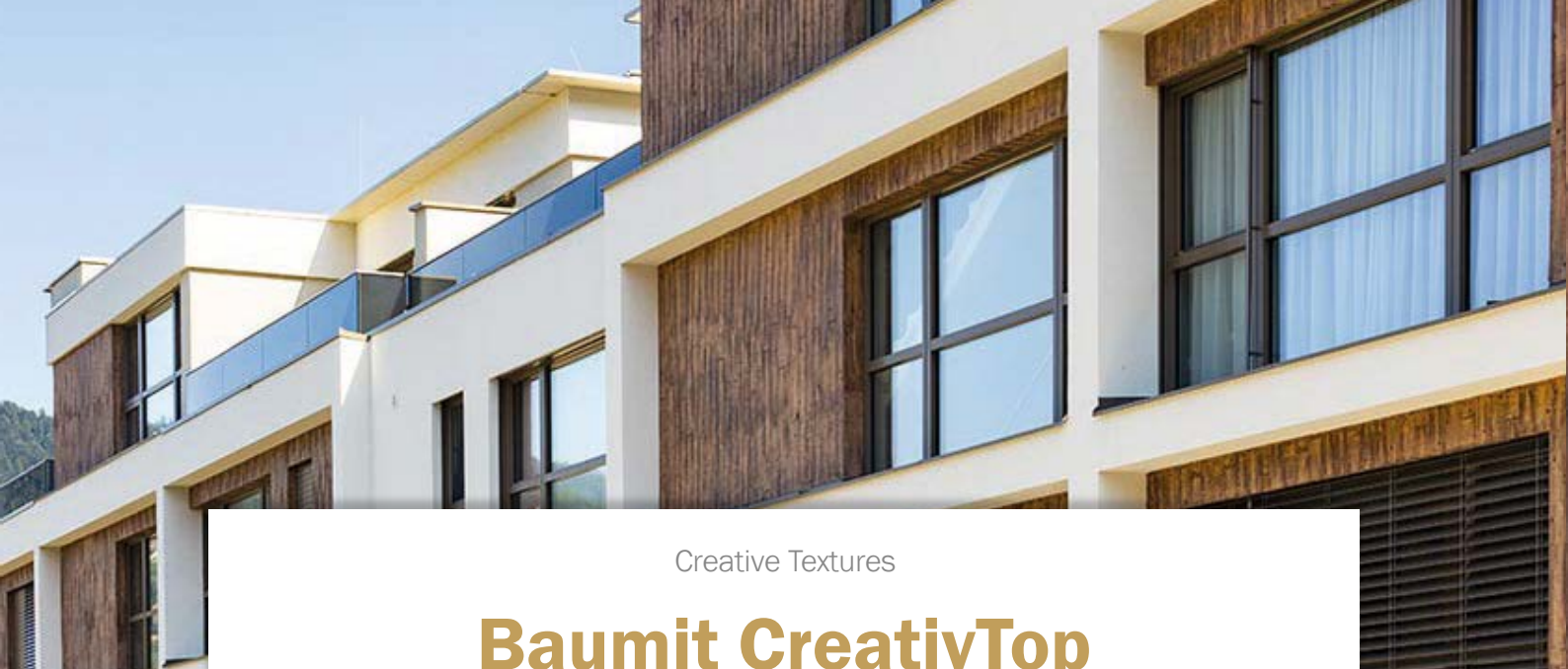
- ① Standard pigments
- ② Sunlight (light spectrum)
- ③ Non-reflected radiation, dissipated as heat into the subsurfaces



Surface with Cooling Pigments

- ① Cooling Pigment
- ② Standard pigments
- ③ Sunlight (light spectrum)
- ④ Reflected sunlight





Creative Textures

Baumit CreativTop

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.

HOW TO INCREASE CREATIVITY?

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

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.

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.



Formulated as a ready-to-use, silicone-based render it gives total design freedom.

Unlimited creativity

Baumit CreativTop is the most versatile render on the market due to the unlimited combinations of texture and colour. Let your imagination run wild.

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.



EXPERT TIP



Available in all
12 exclusively selected
“Shades of White”
colour tones!





CreativTop is a versatile product that comes in 6 variations of grain size. Here are some examples of the effects that can be created with these different variations using different application techniques:



Floated technique

MAX



Wood effect

FINE

SILK



Projected technique

MAX



Rolled technique

MAX

TREND

VARIO

FINE



Sponged technique

SILK



Coarse concrete technique

TREND

SILK



Smooth concrete technique

VARIO

FINE

SILK



Combed technique

VARIO

FINE

SILK



Smooth metallic effect

VARIO

SILK



Spatula technique

TREND

VARIO

FINE



Pulled technique

TREND

VARIO

FINE



Brushed technique

TREND

VARIO

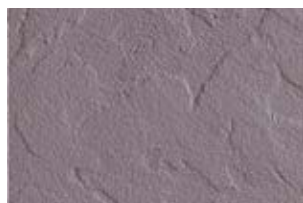
FINE



Decorative striation technique

VARIO

FINE



Relief technique

VARIO

FINE



Antique wood effect

FINE

SILK



Brick effect

FINE



Perfectly Fine Surfaces

Smooth Façades

Baumit CreativTop offers unlimited design possibilities for façades. Despite all the textures and colours available, there is always a need for smooth façades.

- **Perfectly smooth surface**
- **Pure and modern**
- **Two degrees of fineness**

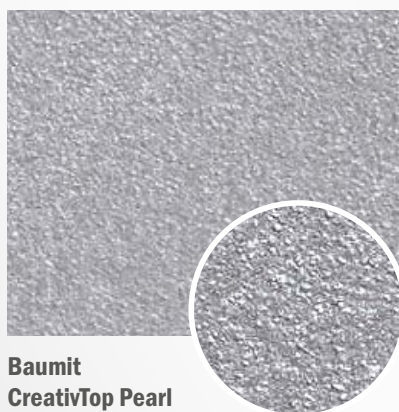
In southern and eastern Europe, smooth façades have always been the standard style. That is because these areas mostly work with renders, whereas masonry was the preferred material in the north and west. Architectural styles have always progressed from indoor to outdoor design and today all the possibilities 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.

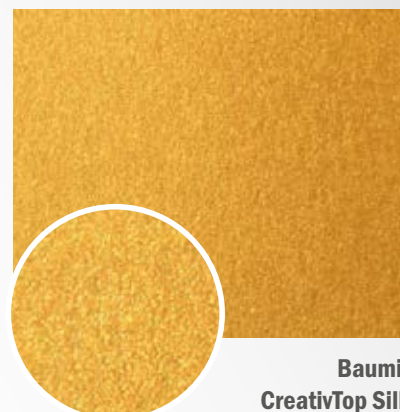
Smooth façades on EWI

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 CreativTop Vario provides the perfect finish.

BAUMIT CREATIVTOP VARIO, PEARL & SILK



Baumit CreativTop Pearl with Baumit Metallic Titan



Baumit CreativTop Silk with Baumit Metallic Gold



Build-up at a glance:

- Baumit StarContact/StarContact White
- Baumit insulation board
- Baumit StarContact/StarContact White (3mm) with Baumit StarTex
- PremiumPrimer
- Baumit CreativTop Vario
- Baumit CreativTop Pearl or CreativTop Silk = smooth surface





Two techniques for a smooth finish

Choose between two different approaches:

Option 1 with CreativTop Pearl

- Baumit CreativTop Pearl is the fastest option. A thin coat is applied to the basecoat. It produces a fine façade surface which features a pearl texture, and is available in 758 colours.

Option 2 with CreativTop Silk

- Baumit CreativTop Silk: This option requires a little bit more technical skill. After applying Vario as the basecoat, you need to add two layers of CreativTop Silk. The surface can be improved further by sanding. The result will be a wonderfully smooth façade.

For creative colour designs, we recommend a coat of Baumit StarColor – available in 758 Life colours – or Baumit Metallic, Glitter or Lasur.

Correct application

Before starting work, the substrate has to be prepared. A base layer must be applied first dependent on the method chosen above. Once it is completely dry, one coat of the selected topcoat layer is applied using Baumit CreativTop Pearl or Baumit CreativTop Silk.



Project by: J E Keating and Associates



Classic Textures

Baunit SilikonTop & GranoporTop

The professional solution for each building project.

- **Coarse grain size for higher durability**
- **Textured 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.

Textured finish

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.

Rolled finish

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

EXPERT TIP

Baunit recommends a minimum grain size of 2.0 mm. The advantages are obvious - the thicker the top layer, the better it protects the façade against environmental influences such as rain and hail. Larger grain sizes, such as 2.0 or 3.0 mm, increase the layer thickness and therefore the durability of the façade.

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.

SURFACES THAT PROVIDE CHARACTER



K 2.0



K 1.5



K 3.0



R 2



R 3



Baumit Design – Lasur

Vintage Look

Whether it is a mid-19th century house, a building from the industrial revolution or a 100 year old farm house, historic buildings require a suitable façade design. Often matt finishes are a popular choice for renovation projects.

- **Matt finish**
- **Also for renovation projects**
- **Perfect for surface imitation**

Wherever a matt finish is required, Baumit Lasur finish is recommended. Lasur is a ready-to-use glaze for decorative wall and façade designs.

With its matt formula, this glaze is especially suitable for renovating old surfaces in the appropriate style, as well as for creating harmonious façades for new builds.

Application

Depending on the design specifications, before applying Baumit Lasur, the surface must be pre-coated with paint, render or a levelling compound. Then, depending on the specifications, one to three coats of Baumit Lasur is applied. This is applied using appropriate equipment for the specific varnishing technique, such as a paintbrush, whitewash brush, stippling brush, natural sponge or cloth.

Suitable substrates

- Lime cement and cement renders
- Concrete and other mineral substrates
- Mineral and silicate paints and renders with good adhesion
- Dispersion paints and renders with good adhesion
- Silicon paints and renders with good adhesion



BAUMIT LASUR



Shine 725L



Sensual 726L



Impulse 727L



Gentle 728L



Solid 729L



Mystic 730L



Fresh 731L



Casual 732L



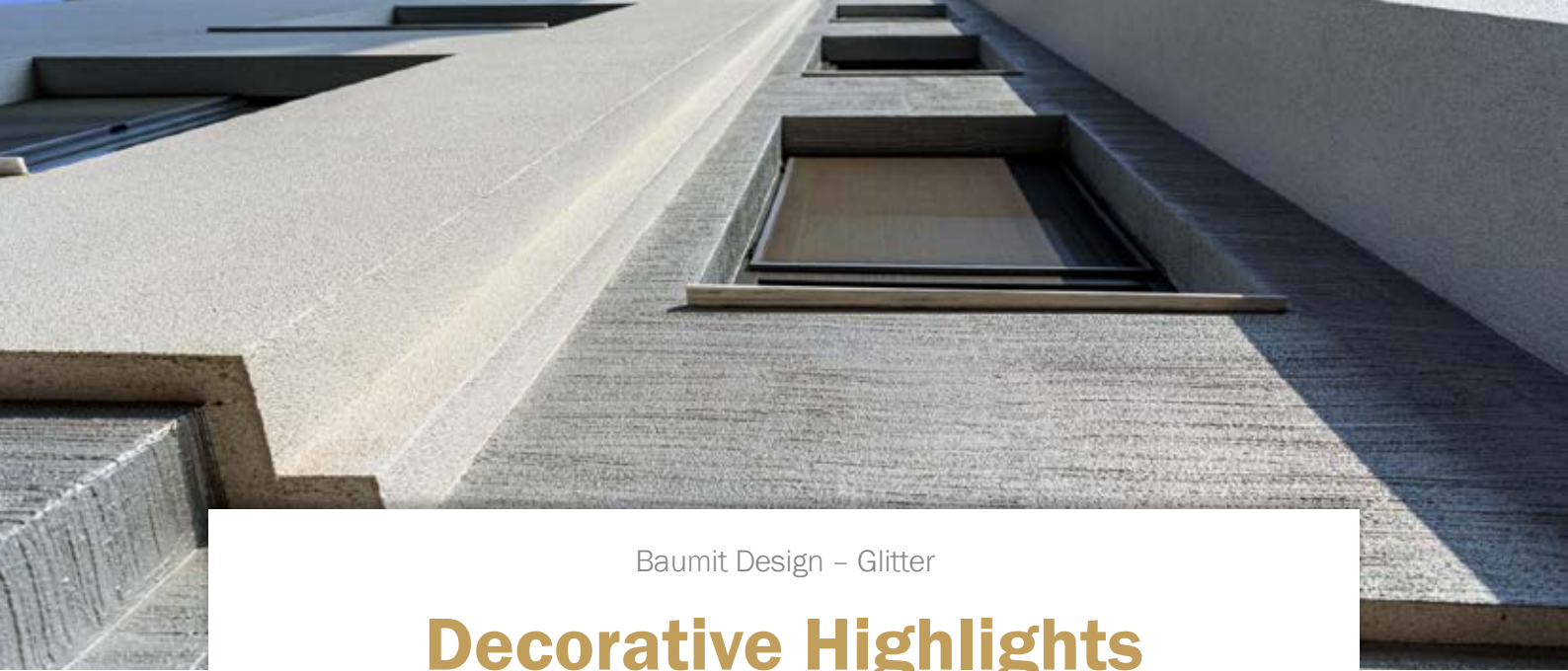
Placid 733L



Faith 734L



Cosy 735 L



Baumit Design – Glitter

Decorative Highlights

Anyone wanting to give a façade a special touch can opt for Baumit Glitter. The topcoat glaze compliments any chosen render, creating a sparkling façade in the natural light for an elegant yet stylish finish.

- **Sparkling**
- **Decorative**
- **Unique**

Baumit Glitter enables unique special effects to be created on the façade. 4 eye-catching colours, with a glittering sparkle, open up new dimensions in façade design and allow for creativity, uniqueness and imagination to run wild.



Application

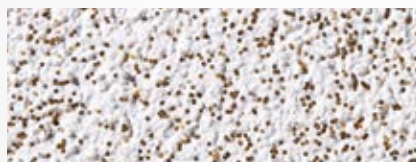
Baumit Glitter is mechanically applied using a suitable sprayer (e.g. a hopper gun with a 4mm nozzle). During the mechanical application of Baumit Glitter, care must be taken to ensure a constant movement speed and a constant distance between the sprayer and the surface. Baumit Glitter is ready to use without the need to add water.

Suitable substrates

- Lime cement and cement renders
- Mineral and silicate paints and renders with good adhesion
- Emulsion paints and renders with good adhesion
- Silicon paints and renders with good adhesion



BAUMIT GLITTER



Gold 771G



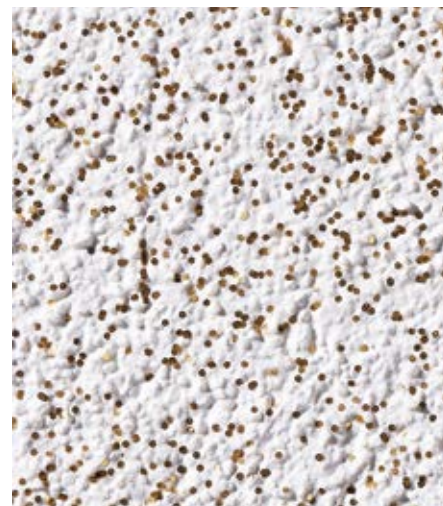
Silver 773G



SilverFine 774G



Rainbow 775G



Baumit Design – Metallic

Special Effects

Modern façade designs should attract attention whilst remaining stylish. The high degree of weather resistance is a welcome quality feature and thanks to the high proportion of metallic pigments Baumit Metallic offers a deceptively real metallic appearance.

- **Elegant glaze**
- **For decorative highlights**
- **Imitation of metallic surfaces**

Available in very attractive colours: Titan, Platin, Saphir, Smaragd, Gold, Rubin, Bronze and Azurit an eye-catching appearance can be achieved with textured or smooth surfaces combined with Metallic.

Application

Always apply a base layer of Baumit GranoporColor or Baumit SilikonColor in white for better colour development. After leaving the base layer for at least 12 hours, apply Baumit Metallic in two stages using



a lambswool roller (pile length to suit the substrate and application method) or sprayer (air compressor with an under-pot gun).



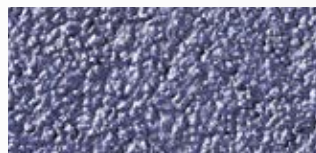
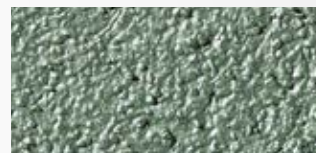
Suitable substrates

- Lime cement and cement renders
- Mineral and silicate paints and renders with good adhesion

- Emulsion paints and renders with good adhesion
- Silicone paints and renders with good adhesion

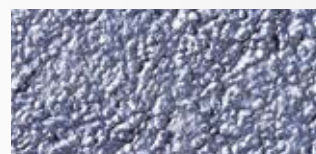
BAUMIT METALLIC

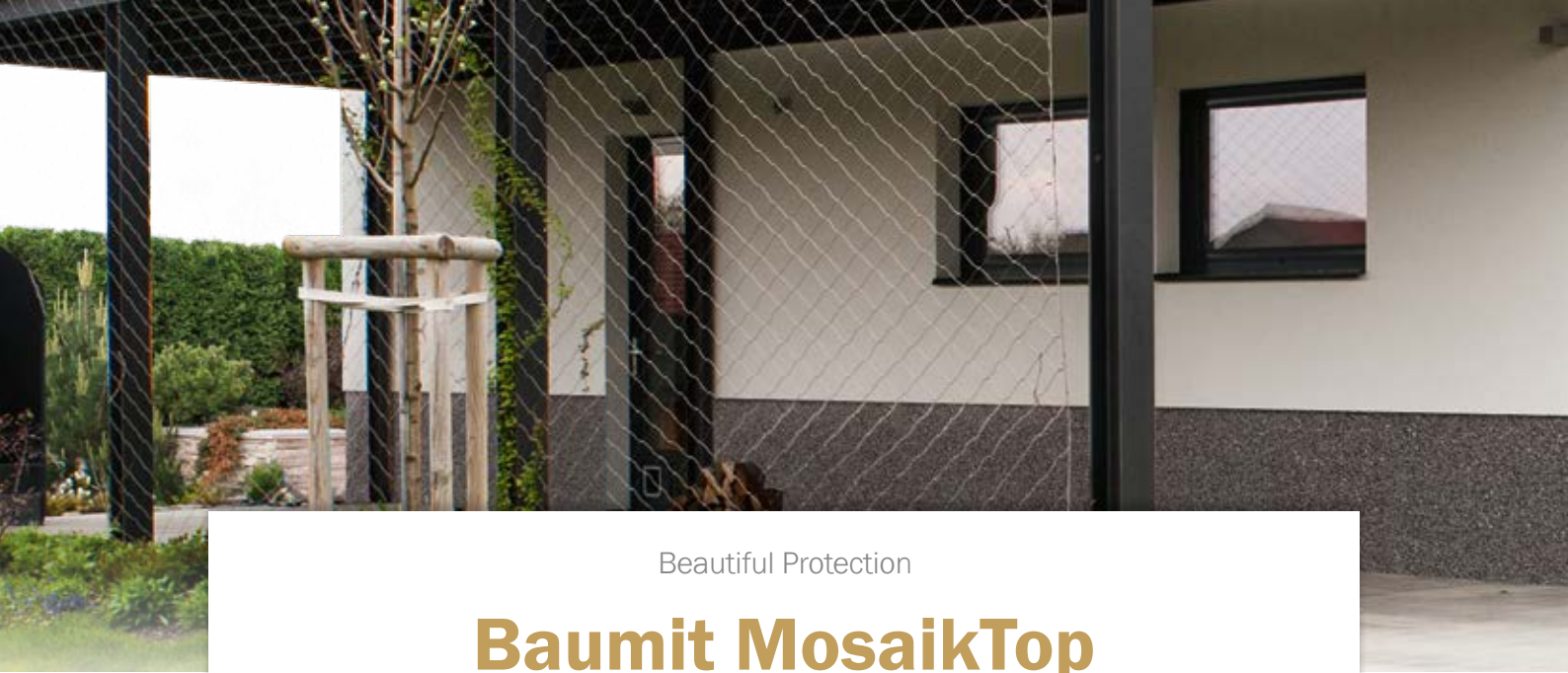

Titan 746M

Platin 747M

Saphir 748M

Smaragd 751M

Gold 753M

Rubin 754M

Bronze 755M

Azurit 756M



Beautiful Protection

Baumit MosaikTop

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 stone render designed for wall surfaces that are subject to high levels of mechanical stress.



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

Baumit MosaikTop is the perfect coat for the base area of the façade. It is highly water-repellent and 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.



MOSAİK – NATURAL LINE

M 337 Montblanc

M338 Olympus

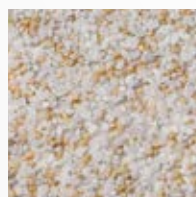
M 339 Castle

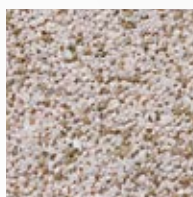
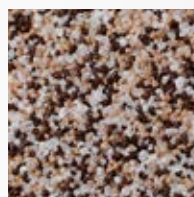
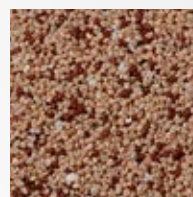
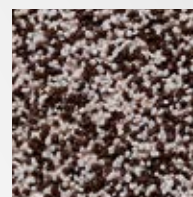
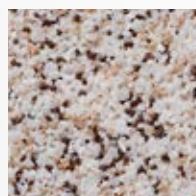
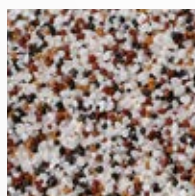
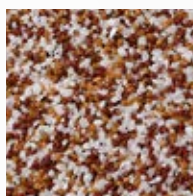
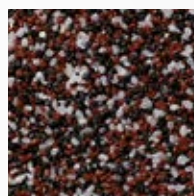
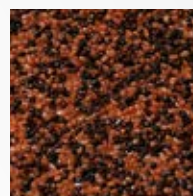
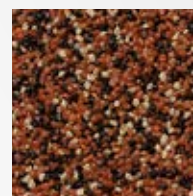
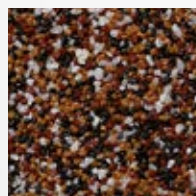
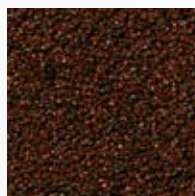
M 340 Babia

M 341 Rocky

M 342 Everest

M 343 Etna

M 344 Vesuvius
MOSAİK – ESSENTIAL LINE

M 301 Albaron

M 302 Monviso

M 303 Matterhorn

M 304 Denali

M 305 Victoria

M 306 Parnass

M 307 Bistra

M 308 Kope

M 312 Cook

M 313 Athos

M 314 Ararat

M 315 Rodna

M 316 Kosh

M 317 El Capitan

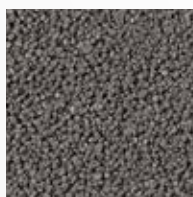
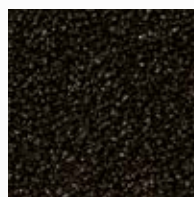
M 318 Rax

M 325 Bellavista

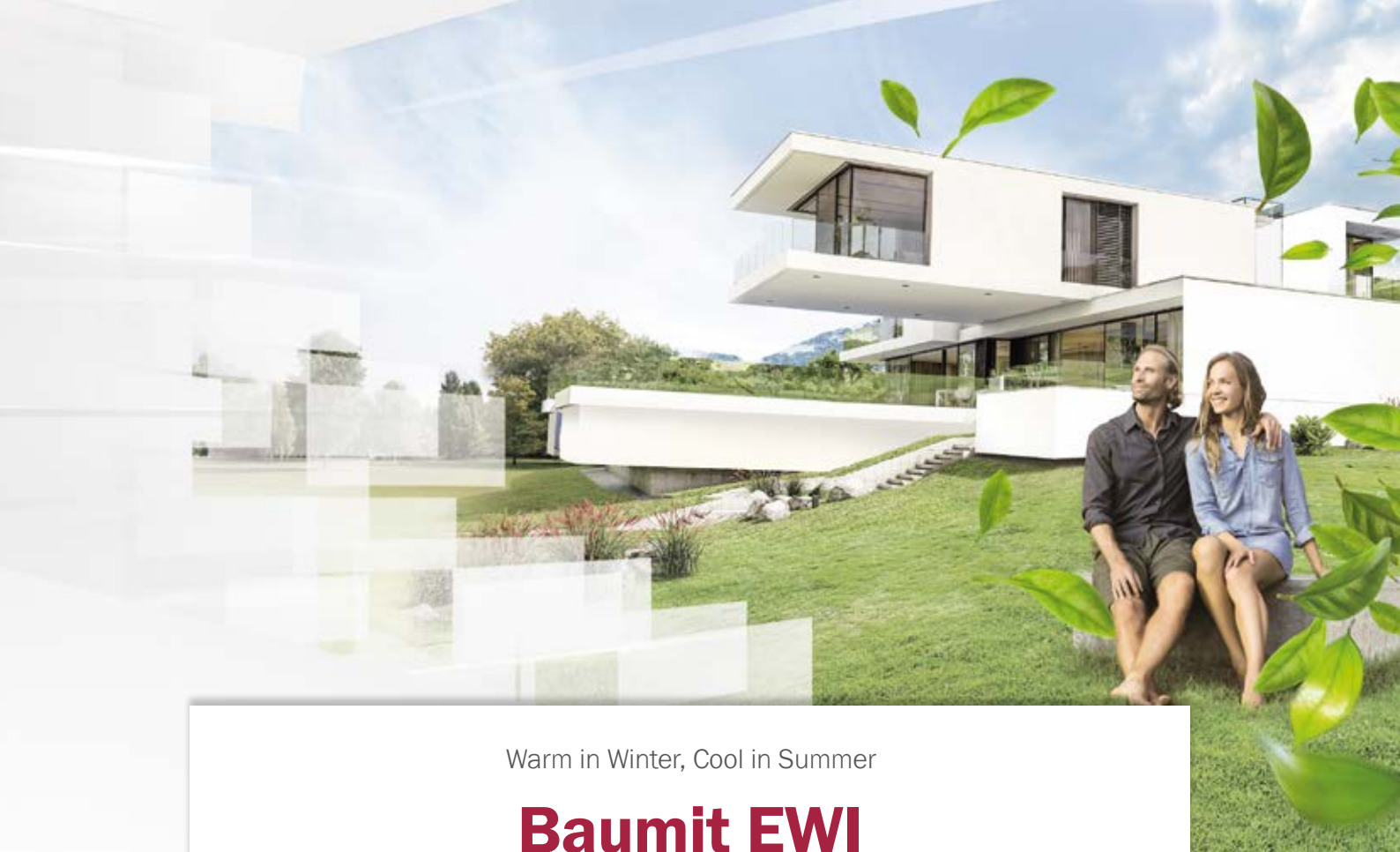
M 326 Triglav

M 327 Rushmore

M 328 Durano

M 329 Cristallo

M 330 Elbrus

M 331 Nemrut

All colour samples shown here serve as a visual orientation for the selected product. Slight deviations between the colours shown here, colour samples, colour folders, natural patterns and the materials provided can occur. The uniformity of colour and texture can only be guaranteed within one production batch.



Warm in Winter, Cool in Summer

Baumit EWI

The best way to create a pleasant interior environment to promote well-being is to choose the right thermal insulation. This will help create a comfortable, ambient room temperature whatever the time of day or season.



Project by: Hamson Barron Smith





Project by: M.B. McNamara

SYSTEMS







To help create a comfortable, ambient room temperature, Baumit has created a wide variety of EWI systems suitable for the insulation of any kind of home, including high-rises. All systems can be customised to suit the corresponding substrate to achieve the desired effects and characteristics.

- Effective thermal insulation
- High energy saving potential
- Protection of the building structure
- Heat protection in summer
- Allow climate friendly living
- A comfortable indoor climate throughout the year
- Freedom of design & creativity

COMPONENTS

Well aligned Baumit components guarantee a long lasting thermal solution. It is crucial to choose the right adhesive and reinforcing mortar, which is perfectly coordinated with both the insulation material and the substrate. Baumit offers the right products for every application and every requirement, a range of topcoats as well as a wide range of accessories to perfectly complete your External Wall Insulation (EWI) System.

EWI Systems

	OPENSYSTEM	STARSYSTEM EPS	STARSYSTEM MINERAL
	 	 	 
	<ul style="list-style-type: none"> ■ Unique OpenAir technology ■ Breathable ■ New build and refurbishment 	<ul style="list-style-type: none"> ■ BBA approved system ■ Flexibility and protection ■ Available in a wide range of solutions 	<ul style="list-style-type: none"> ■ BBA approved system ■ Fireproof ■ Highly permeable
ADHESIVE	StarContact White	StarContact White	StarContact White
INSULATION	OpenTherm reflectair	StarTherm Grey EPS	Mineral Wool EWI Slab
FIXINGS*	StarTrack	STR U 2G	STR U 2G
BASECOAT	StarContact White	StarContact White	StarContact White
REINFORCEMENT	StarTex	StarTex	StarTex
PRIMER	PremiumPrimer	PremiumPrimer**	PremiumPrimer**
TOPCOAT	StarTop / SilikonTop	StarTop / SilikonTop	StarTop / SilikonTop

The external wall insulation systems must be applied in accordance with Baunit recommendations and current best practice. Refer to Baunit Product Data Sheets for further information.

STARSYSTEM NATURE



- Wood fibre for natural insulation
- Highly breathable
- 100% recyclable

StarContact

StarTherm Nature
Wood Fibre Board

STR U 2G

StarContact

StarTex

PremiumPrimer**

StarTop

POWERSYSTEM



- High impact resistance
- For extreme requirements
- Cement free

StarContact White

StarTherm
Grey EPS

STR U 2G

PowerFlex

StarTex

PremiumPrimer**

StarTop

PLINTHSYSTEM



- Water-repellent
- Resistant to mechanical stresses
- Ideal for renovation

StarContact White / BituFix 2K

PlinthTherm

STR U 2G

StarContact White

StarTex

PremiumPrimer**

MosaikTop &
DS 26 Flex (sealing layer)

ADHESIVE

INSULATION

FIXINGS*

BASECOAT

REINFORCEMENT

PRIMER

TOPCOAT

*Depending on substrate.

**UniPrimer can be used as a substitute to PremiumPrimer



Breathable Insulation

Baunit OpenSystem

Whether you are building a new home or refurbishing an old one, Baunit OpenSystem is the best solution. All components are vapour permeable and thus allow the walls to breathe. This creates optimal living conditions whether in summer or winter.



- **Unique OpenAir technology**
- **Highly breathable**
- **Cosy healthy climate**

The Baunit OpenSystem uses EPS boards containing numerous holes of 2 to 3mm diameter. These ensure high vapour permeability and enable water vapour to be released externally.

99% air

The OpenSystem consists of 99% air and only a small proportion of EPS, which in turn requires very little energy to produce, therefore resulting in low environmental impact.

How it works

In addition to the temperature, an important factor in enabling a comfortable living climate is relative humidity. With typical indoor temperatures of between 19 and 22°C, humidity should be between 40 to 60%. Therefore approximately 10 litres of water vapour per household per day needs to be diffused to the outside. Baunit OpenSystem with its high breathability ensures a comfortable indoor climate.

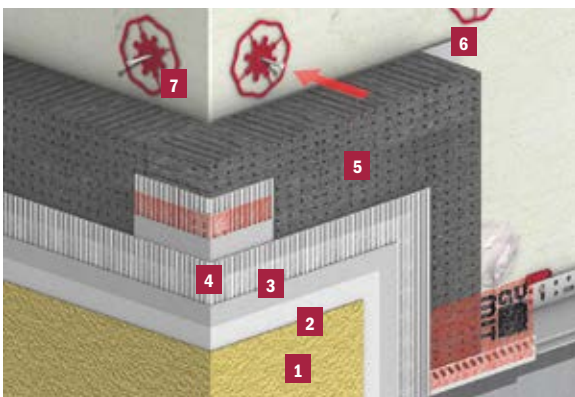
A façade that lasts

The Baunit OpenSystem has some notable features that help buildings to not only perform well but also to look good for many years to come.

The Baunit OpenSystem combines the best fixing technology, vapour permeability and high performance insulation. It helps to create a building that will last for decades to come.



Project by: Hamson Barron Smith



BENEFITS

- Complete wall build-up
- Breathable and highly vapour permeable
- Prevents condensation from water vapour
- Ensures a comfortable indoor living climate



SYSTEM COMPONENTS

1

Baumit StarTop

Easy to apply topcoat render

Baumit SilikonTop

Easy to apply silicone enhanced render



2

Baumit PremiumPrimer

Superior quality primer



3

Baumit StarContact White

Vapour permeable adhesive and basecoat reinforcing mortar



4

Baumit StarTex

High performance reinforcing mesh



5

Baumit OpenTherm reflectair

Vapour permeable EPS façade insulation board



6

Baumit StarContact White

Vapour permeable adhesive and basecoat reinforcing mortar



7

Baumit StarTrack

Unique supplementary anchor fixing





The High Performing Solution

Baunit StarSystem EPS

Play safe: With Baunit StarSystem EPS, you invest in a carefree future. Not only do you save money every day on your heating and cooling costs, but you are also investing in security for generations.

- **BBA approved system**
- **Flexibility and protection**
- **Offers a broad range of solutions**

Baunit StarSystem EPS provides great flexibility as well as good impact resistance and combines all Baunit's experience as a pioneer in External Wall Insulation systems.

An investment in the future

The combination of a comfortable indoor climate and energy efficiency leads to an improved quality of life for the buildings occupants. Baunit StarSystem EPS helps to increase the value of a building by offering insulation together with an attractive façade.

A durable basecoat

Baunit StarContact White adhesive and reinforcing mortar ensures that the façade remains adhered to the brick/blockwork no matter what the temperature fluctuations, wind speeds or other environmental challenges may be. It is elastic and flexible and so, over time, it moves and flexes as required and offers excellent resistance to objects that impact the surface.



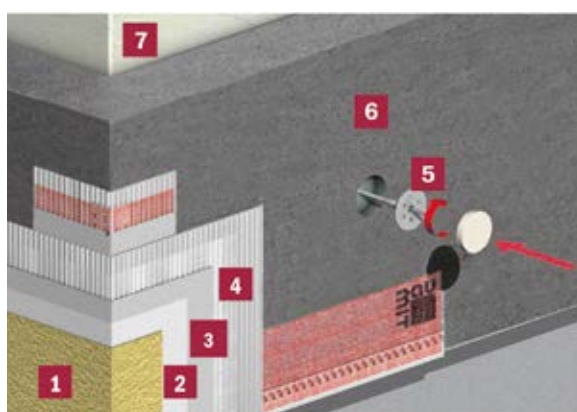
Project by: W P S Plastering Contractors Ltd - Baunit Approved

Superior quality

Baunit PremiumPrimer can be used with all organic and mineral decorative finishes, for pretreatment of hard or absorbent mineral substrates as well as for the preparation of coloured substrates.

The grey EPS façade insulation board, Baunit StarTherm consists of expanded polystyrene. It is highly vapour permeable and has excellent insulating properties.





BENEFITS

- BBA approved system
- Excellent flexibility and impact resistance
- Weatherproof
- Easy to apply
- Security for generations



SYSTEM COMPONENTS

- | | | |
|----------|---|--|
| 1 | Baumit StarTop
Easy to apply topcoat render
Baumit SilikonTop
Easy to apply silicone enhanced render | |
| 2 | PremiumPrimer
Ready-to-use superior quality primer | |
| 3 | Baumit StarContact White
Vapour permeable adhesive and basecoat reinforcing mortar | |
| 4 | Baumit StarTex
High performance reinforcing mesh | |
| 5 | Baumit STR U 2G*
Screwed anchor fixing
<i>*Depending on substrate</i> | |
| 6 | Baumit StarTherm EPS
Grey EPS façade insulation board | |
| 7 | Baumit StarContact White
Vapour permeable adhesive and basecoat reinforcing mortar | |



The All-Rounder

Baunit StarSystem Mineral

A home should provide comfort and a good quality of life.
Key elements of a pleasant indoor climate are the temperature and air humidity – factors positively affected by the StarSystem Mineral.

- BBA approved system
- Fire resistant
- Highly permeable

Baunit StarSystem Mineral is a mineral external wall insulation system suitable for all building classes.

Mineral wool boards when used as a thermal insulation layer are covered with a reinforcing layer consisting of basecoat and a fibreglass mesh. The weather-resistant top coat is applied over this.



Project by: M.B. McNamara

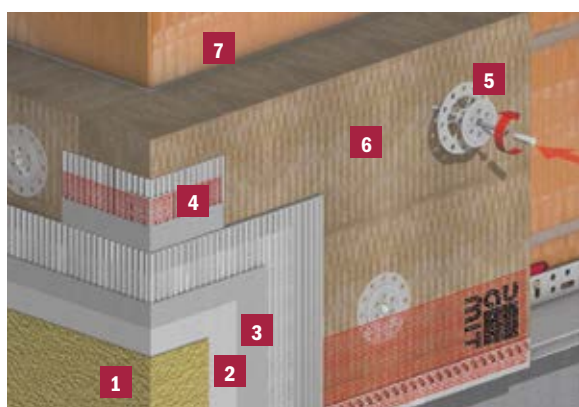
Mineral external wall insulation

The insulation board Mineral Wool EWI Slab contains no combustible components. They are made of mineral wool fibres, which are bonded to a board with resins. The system stands out due to its excellent sound and fireproofing properties as well as being highly vapour permeable. It noticeably improves the indoor climate.

Baunit StarSystem Mineral can be applied to all substrates. It is suitable for old and new buildings as well as for single and multiple family homes, and also for commercial construction.



Project by: EnviroRend (SE) Ltd - Baunit Approved



BENEFITS

- BBA Approved system
- Non-combustable
- Excellent physical properties
- Sound proofing properties
- Excellent vapour permeability



SYSTEM COMPONENTS

- | | | |
|----------|---|--|
| 1 | Baumit StarTop
Easy to apply topcoat render

Baumit SilikonTop
Easy to apply silicone enhanced render | |
| 2 | Baumit PremiumPrimer
Superior quality primer | |
| 3 | Baumit StarContact White
Vapour permeable adhesive and basecoat reinforcing mortar | |
| 4 | Baumit StarTex
High performance reinforcing mesh | |
| 5 | Baumit STR U 2G*
Screwed anchor fixing

<i>*Depending on substrate</i> | |
| 6 | Mineral Wool EWI Slab
High grade mineral fibre insulation boards. | |
| 7 | Baumit StarContact White
Vapour permeable adhesive and basecoat reinforcing mortar | |



Renewable Resource

Baumit StarSystem Nature

The Baumit StarSystem Nature EWI system is the ecological alternative for everyone who desires to build in a natural way. Wood, which is a renewable resource, is the central component of this system.

- **Wood fibre for natural insulation**
- **Highly breathable**
- **Noise reduction**

Meeting the strictest health and environmental standards, the Baumit NatureSystem is an ecological alternative. Wood, a sustainable material, is the central component of this system. This protects valuable natural resources and helps to reduce CO₂ emissions.

Free from additives

The core of the system is made up of the StarTherm Wood-fibre insulation boards. The multi-layered insulation boards are produced without any artificial binders. The timber's own lignin serves to bind the wood fibres together. During production, the fine wood fibres are heated whilst being pressed so that the lignin becomes fluid and glues the wood particles together during cooling.

Excellence in every respect

The good thermal values, vapour permeability, noise reduction capabilities and ecological reasons make this environmentally friendly insulation very attractive.

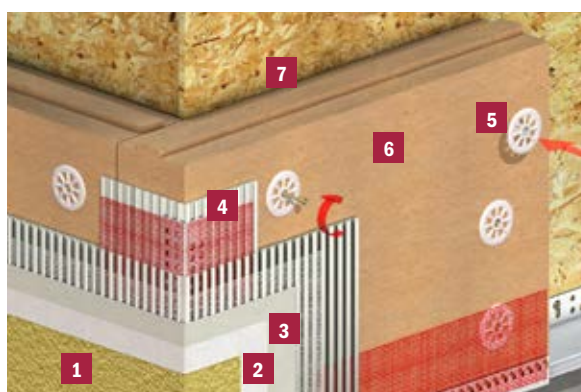
Breathable insulation

The Baumit StarSystem Nature has good thermal insulation values, is water vapour permeable and is environmentally friendly due to wood being a renewable resource. The components not only have a high heat storage capacity, they are also breathable.

Good environmental footprint

This natural insulation stands out over the entire life cycle, from production to disposal, due to its low environmental impact, making it an environmentally friendly alternative.












BENEFITS

- Sustainable and environmentally friendly
- Improves sound insulation
- Good thermal values
- Vapour permeable



SYSTEM COMPONENTS

- | | | |
|---|--|---|
| 1 | Baumit StarTop
Easy to apply topcoat render |  |
| 2 | Baumit PremiumPrimer
Superior quality primer |  |
| 3 | Baumit StarContact
Vapour permeable adhesive and basecoat reinforcing mortar |  |
| 4 | Baumit StarTex
High performance reinforcing mesh |  |
| 5 | Baumit STR U 2G*
Screwed anchor fixing
<i>*Depending on substrate</i> |  |
| 6 | StarTherm Nature
Wood fibre façade insulation board |  |
| 7 | Baumit StarContact
Vapour permeable adhesive and basecoat reinforcing mortar |  |



Best Impact Resistance

Baumit PowerSystem

Severe weather fluctuations have increased dramatically in recent years and thermal insulation is not the only thing that needs to be considered in construction. Issues such as impact protection and weather resistance have also become a key factor.

-
- **High impact resistance**
 - **For extreme environments**
 - **Cement-free basecoat**
-

Tough and flexible

Baumit PowerSystem works by being tough and flexible at the same time. The toughness and elasticity of the system are perfectly balanced, which is beneficial for the façade.

Strong façades

There are a number of possibilities for protecting a façade – ranging from simple structural measures to high-tech building materials.

Effective façade protection is achieved with a highly flexible, strong shield, in which a fibreglass mesh is embedded. A high-quality Baumit façade render is then applied over the top. As well as having an attractive appearance, it also protects the layers underneath from moisture.

Ultimate solution for all around protection

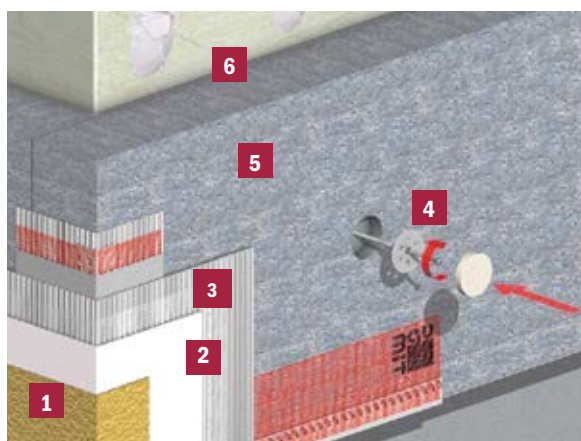
Designed to operate at the extremes of performance PowerSystem offers the highest levels of crack resistance and weather protection, essential for good levels of health and thermal comfort.

Innovative protection

The heart of this system is reinforcement using Baumit PowerFlex. This cement-free, ready mixed reinforcing mortar is a powerful innovation from the Baumit Research Centre. Particularly high-quality binders combined with very elastic fibres and precisely dosed fillers make Baumit PowerSystem the best impact protection for thermal insulation.

Baumit PowerSystem is ideal for use with Baumit StarTherm insulation whenever more resilience is required.





BENEFITS

- Highly effective impact protection
- Weather protection all year round
- Thermal insulation and resilience in one
- For high mechanical stresses



SYSTEM COMPONENTS

1

Baumit StarTop
Easy to apply topcoat render



2

Baumit PowerFlex
Reinforcing coat



3

Baumit StarTex
High performance reinforcing mesh



4

Baumit STR U 2G*
Screwed anchor fixing
**Depending on substrate*



5

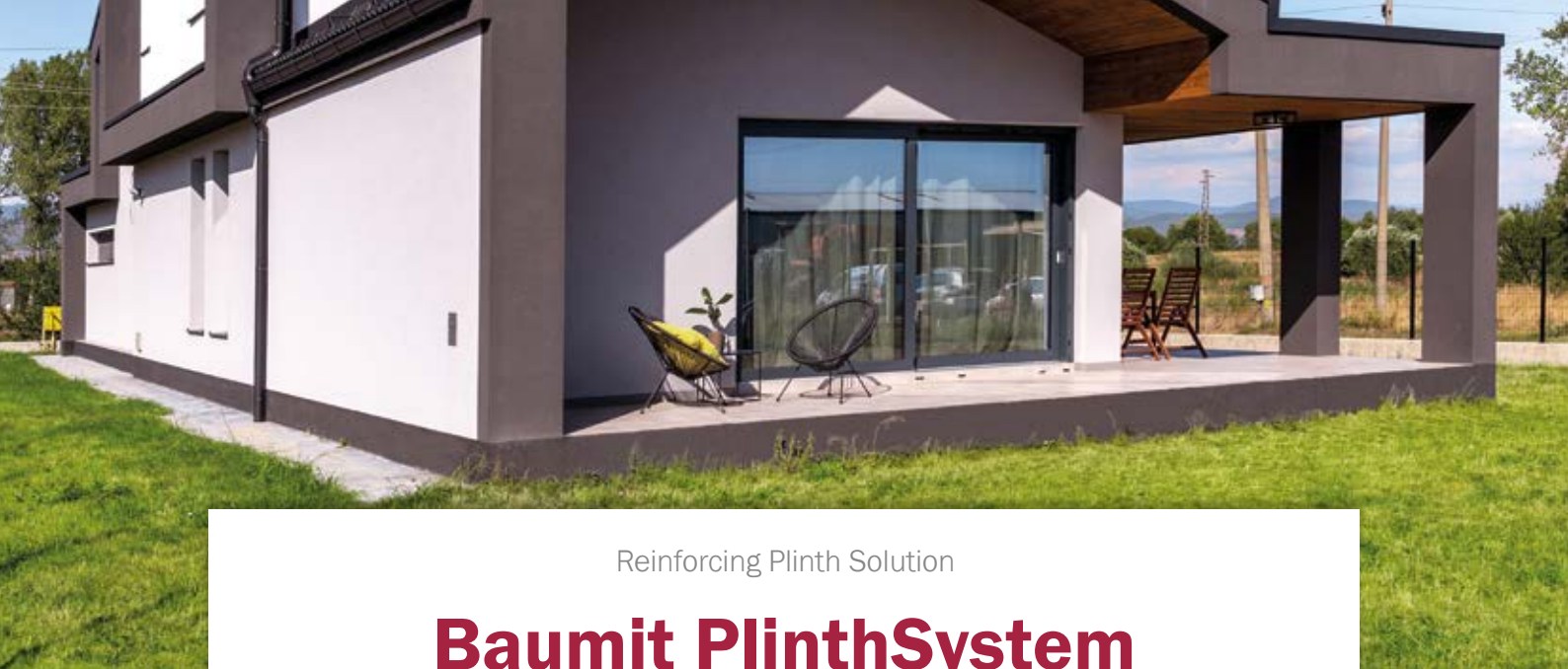
Baumit StarTherm EPS
Grey EPS façade insulation board



6

Baumit StarContact White
Vapour permeable adhesive and basecoat reinforcing mortar





Reinforcing Plinth Solution

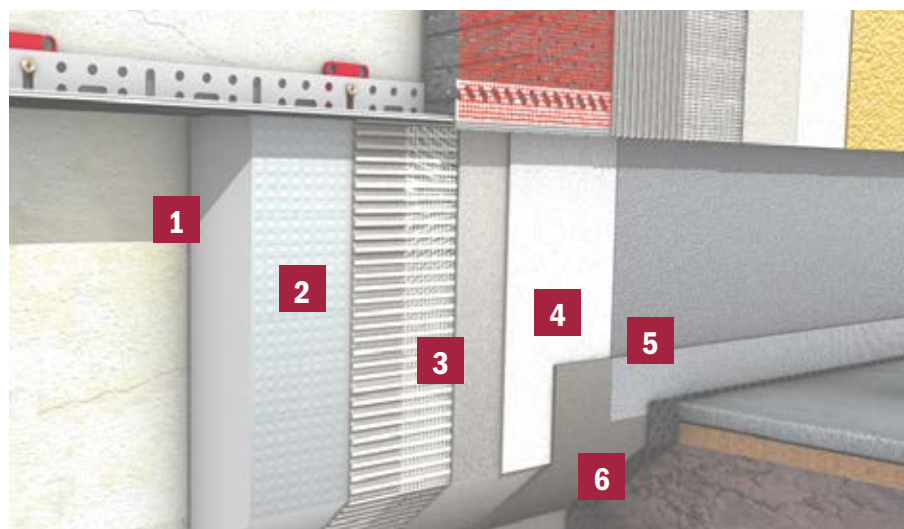
Baunit PlinthSystem

The plinth and perimeter area is one of the most highly stressed areas of a building. It has to contend with rainfall, splashing and high levels of mechanical stress.

- **Reliable protection**
- **Water-repellent and resistant to mechanical stresses**
- **Ideal for renovation**

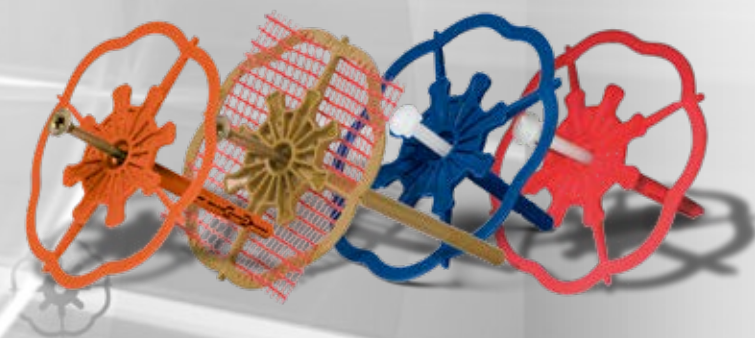
The render should always be sealed and waterproofed on the plinth area to provide additional protection for particularly vulnerable areas.

The detailed image of the base below shows the recommended build up. It is always necessary to apply a reinforcing coat.



SYSTEM COMPONENTS

- 1 Baunit BituFix 2K or StarContact White**
 Depending on substrate
 
- 2 Baunit PlinthTherm**
 High density XPS board.
 
- 3 Baunit StarContact White**
 Vapour permeable adhesive and basecoat reinforcing mortar
 
- 4 Baunit Premium Primer**
 Superior quality primer.
 
- 5 Baunit MosaikTop**
 Ready-to-use, acrylic based render for external use
 
- 6 Baunit DS 26 Flex**
 Flexible and universal for use as a sealing layer
 



Baumit Components

StarTrack and Anchors

The Baumit StarTrack range offers the required anchoring in the wall structure without penetrating the insulation layer and therefore without creating any thermal bridges. Baumit StarTrack offers a solution for any mineralic substrate.

- **Saves energy, time and costs**
- **One size fits all**
- **Accuracy in application**

Baumit StarTrack fixings are anchored in the supporting masonry and are covered with a dab of adhesive before the application of the insulation boards. This creates the required supplementary fixing point to the supporting masonry without piercing the insulation, thereby ensuring there are thermal bridges.



The Baumit adhesive anchors are inserted into the borehole and secured with plastic nails.



The Baumit adhesive anchors are offset in height, maximum 40 x 40 cm.

ADDITIONAL EWI SYSTEM FIXINGS

- **H3 Hammer fixing**, a universal hammer-in anchor with plastic expansion pin.
- **STR U 2G**, a recessed or surface fixed screw-set anchor.



Baumit H3 Hammer Fixing



Baumit STR U 2G

BAUMIT STARTRACK & DOWELS OVERVIEW

Baumit StarTrack Fixing	Anchor depth in mm	A	B	C	D	E
		Standard Concrete	Standard Masonry	Hollow and perforated masonry	Lightweight Concrete	Aerated Concrete
Baumit StarTrack Orange	≥ 40 ¹⁾	●	●	●		●
Baumit StarTrack Red	≥ 40	●	●	●		
Baumit StarTrack Blue	≥ 40	●	●			
Baumit StarTrack Duplex	≥ 40 ¹⁾	●	●	●		●
Baumit S (STR)	≥ 25 (≥ 60)	●	●	●	●	●
Baumit N (NTK)	≥ 40	●	●	●		

1) Anchorage depth in aerated concrete: 60mm

Baumit Components

Accessories

External wall insulation systems come into contact with a variety of other components and materials: windows made of wood, plastic or aluminium and balustrades that need to be fixed in the substrate. All of these connections must be protected against different stresses and strains.

- **Perfectly coordinated accessories**
- **All-round protection for the building**
- **For a range of areas**

Well designed and well insulated

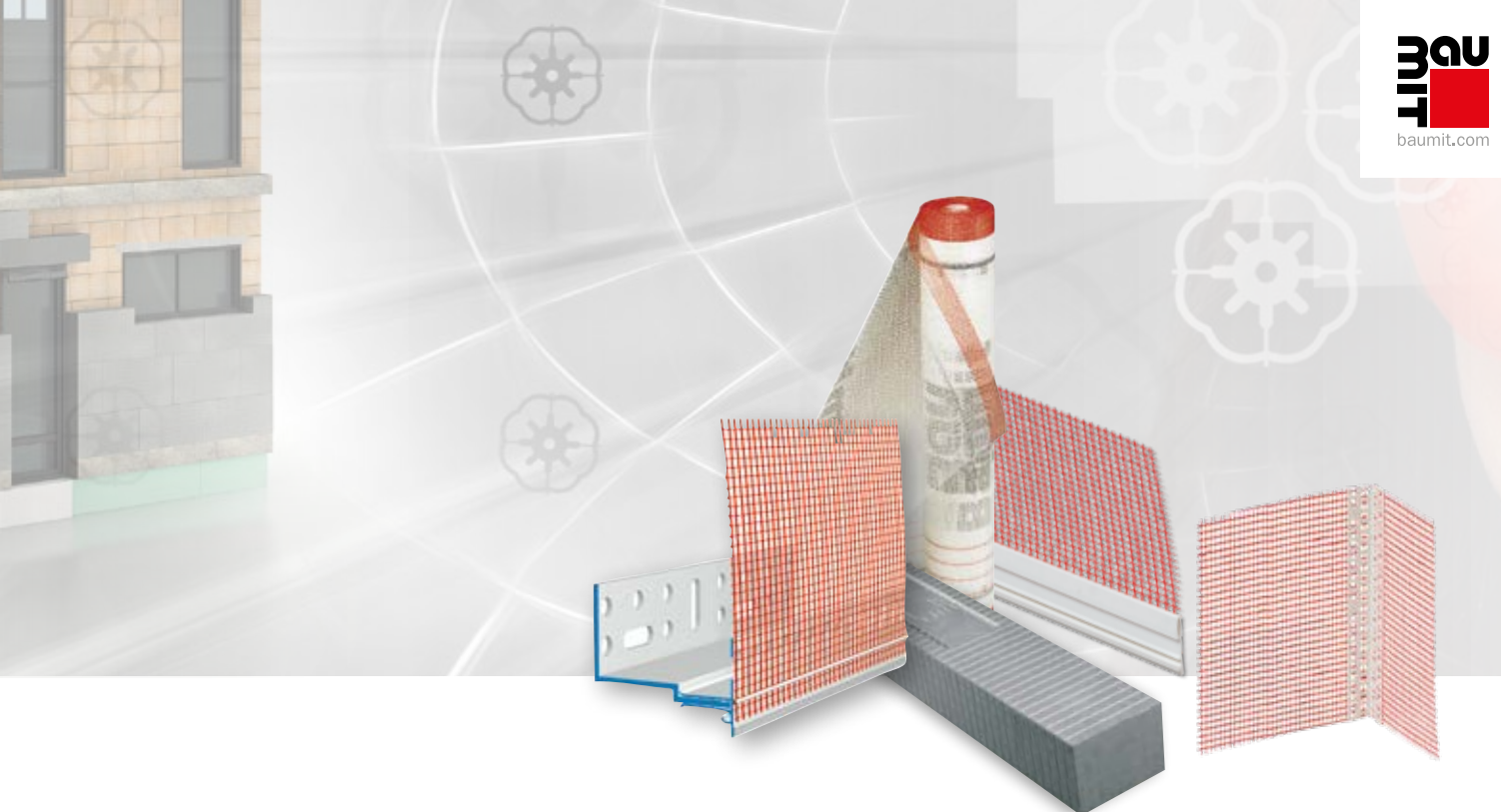
In order to be prepared for all the details during installation, the work should be planned as accurately as possible before it starts. It should be ascertained in advance which areas of the building require special profiles to provide optimal protection.

Thermal bridges can be avoided if the joints at critical points are carried out using the right products. Secure connections ensure optimum insulation and protection from the elements.

USING THE SYSTEM

- 1 Baumit Base Profile Therm
- 2 Baumit Window Profile Flexible
- 3 Baumit Window Profile ideal
- 4 Baumit Corner Bead
- 5 Baumit Expansion Joint Profile
- 6 Baumit Montage





DETAILED SOLUTIONS

1 Baumit Base Profile Therm

The base – the foundation of the EWI system.

Baumit Base Profile Therm provides a thermal bridge-free solution for all base types and insulating materials, either as the lower end of the façade or to form a recessed base. The Baumit thermal base insertion profile is used as a supplement for all insulation regardless of the depth.

2 Baumit Window Profile Flexible

The window – doesn't give rain a chance.

The Baumit Window Profile Flexible, can absorb large movements in all directions. The decoupled construction is suitable for all insulation materials and thicknesses as well as most window constructions.

3 Baumit Window Profile Ideal

The window frame – reliability in planning and execution.

A key connection detail of EWI to other structural components in the window area is the window frame. This can be a particularly challenging area but an innovative solution has been created with the Baumit Window Profile Ideal.

4 Baumit Corner Bead

The edge – for precise angles.

The Baumit Corner Bead is suitable for external 90 degree angles. Soffits and window lintels can be finished exactly with the Baumit Drip Edge Profile which stops dirty streaks forming at the edge, as the water falls from the front edge of the bead.

5 Baumit Expansion Joint Profile

Joints - mobility is key.

The Baumit Expansion Joint Profile is used in alterations, extensions or between structural components with different constructions, when the joints run vertically. Cracks are now a thing of the past.

6 Baumit Montage

Mounting elements – intelligent installation.

The Baumit Montage Meter mounting element is used for attaching fixtures, such as letter boxes or lamps. During installation of EWI, it is fixed prior to applying the reinforced basecoat. After completion, the screws in the Baumit Montage Meter can be tightened. The load is carried via the EWI, with no thermal bridges.





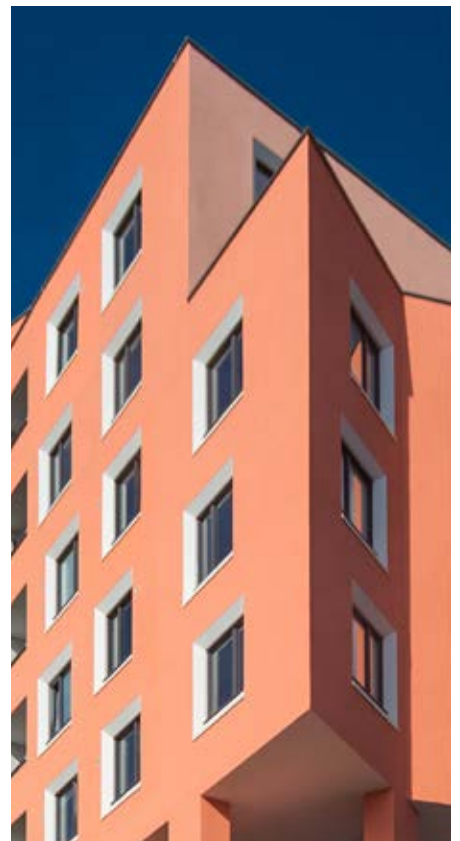
Protection with added value

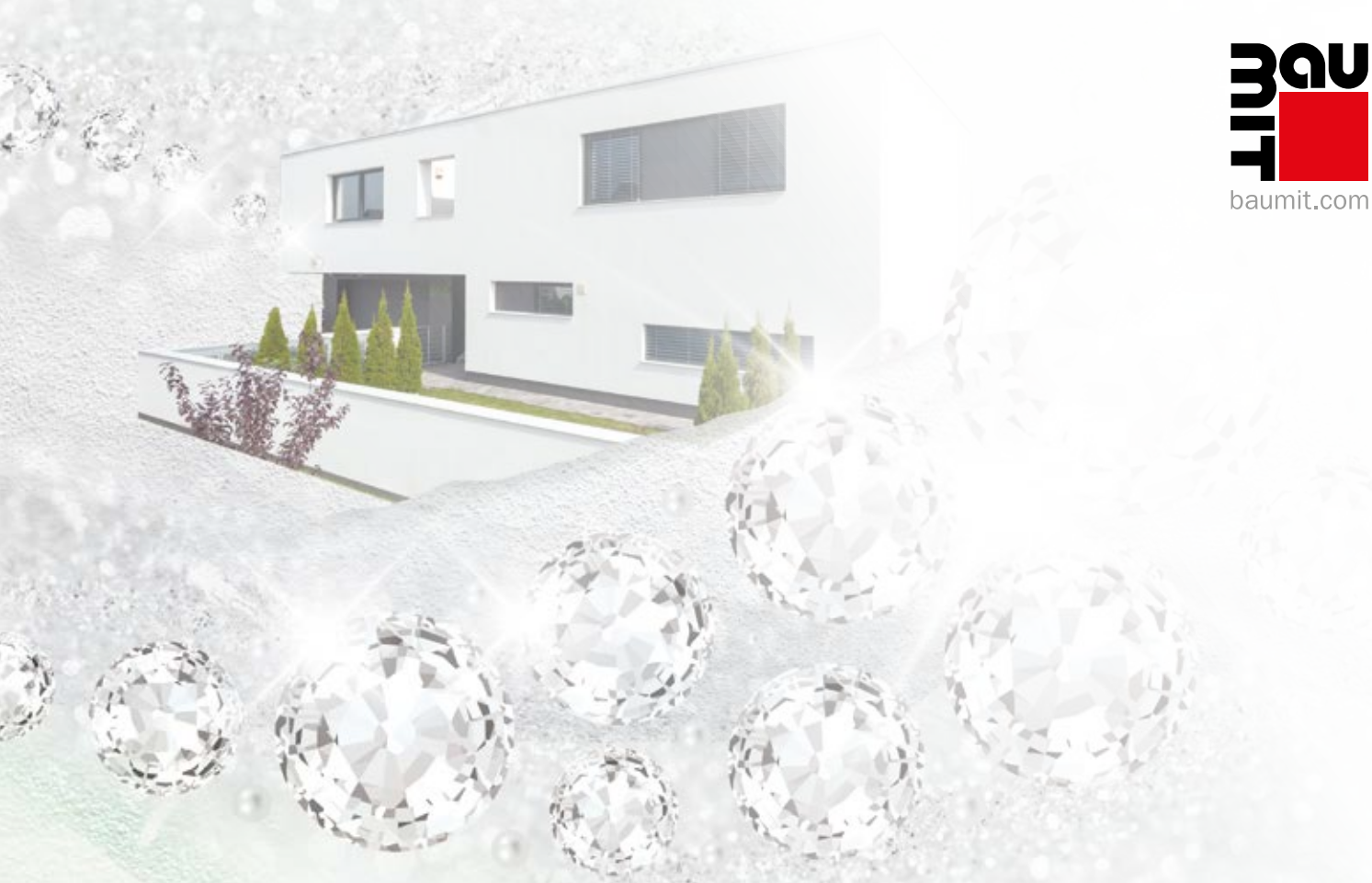
Baumit Render Systems

Baumit renders have been developed to provide long-lasting protection of the façade and ensure that surfaces are as uniform as possible. Baumit has a large range of easy to apply, breathable mineral render systems for every application.



Project by: Collen Construction





Project by: J E Keating and Associates

MINERAL RENDERS

A façade not only serves as decoration; it also forms a protective layer for a building. In this capacity, it is exposed to many different environmental influences that leave their mark over the years. It is therefore not only the internal values that count – only an intact outer shell can protect a building effectively.

The all-rounder in this area is the Baumit UniRend System: this breathable render system is easy and economical to use on any mineral-based substrates. Due to its optimally tailored elasticity, it is able to absorb stresses from the substrate.

- Strong protection for the façade
- Reduce construction costs
- Protect walls from cracks and weathering
- Long-lasting solutions
- Extremely durable





Solution for New Builds

Baumit UniRend System

From small to large-scale new build projects, the Baumit UniRend System provides a cost-effective alternative to sand and cement or traditional render options such as monocouche.

- **Flexible render system**
- **Cost effective**
- **Alternative to sand and cement or monocouche**



The UniRend system consists of a combination of versatile products that work together to ensure a strong and robust building.

The core of the system is a pre-blended, factory mixed lime-cement basecoat, Baumit KZP 65. Optimised for elasticity, KZP 65 provides a solid base that absorbs any stresses that might affect the substrate.

The system is finished with a silicone based thin coat final layer alleviating the common problem of cracking for a long lasting finish.



Project by: Plasterend Services Ltd - Baumit Approved



Project by: Plasterend Services Ltd - Baumit Approved



BENEFITS

Strength

To minimise cracking, the UniRend system components work together in layers for resilience and robustness.

Versatility

Suitable for use on new block work, bricks and clay block substrates.

Flexibility

Reinforced lime-cement helps to minimise settlement cracks meaning less call backs.

Durability

Weather and frost resistance means UniRend can hold its own against the elements.

Breathability

Allows buildings to release moisture efficiently allowing the building to breathe.*

Longevity

Colour pigments stay bright with less on-going maintenance and cleaning.

Usability

No pre-treatment needed for most substrates means easy application either by machine or hand.

Creativity

800+ colours and design options for the perfect finish.

*When used with SilikonTop or StarTop as a top coat.

SYSTEM BUILD UP

1

Baumit Tops

Finish with a ready-to-use, weather resistant top coat render



2

Baumit UniPrimer

Ready-to-use, all purpose primer



3

Baumit StarTex**

High performance reinforcing mesh



4

KZP 65

Versatile mineral lime cement render



5

VS 60***

Cement spray mortar for the preparation of substrates.



** Mesh reinforcement is compulsory at stress points and optional throughout the rest of the system.

*** Required for mixed masonry and high absorbing substrates.



Rejuvenating Aged and Weathered Façades

Baumit Renovation

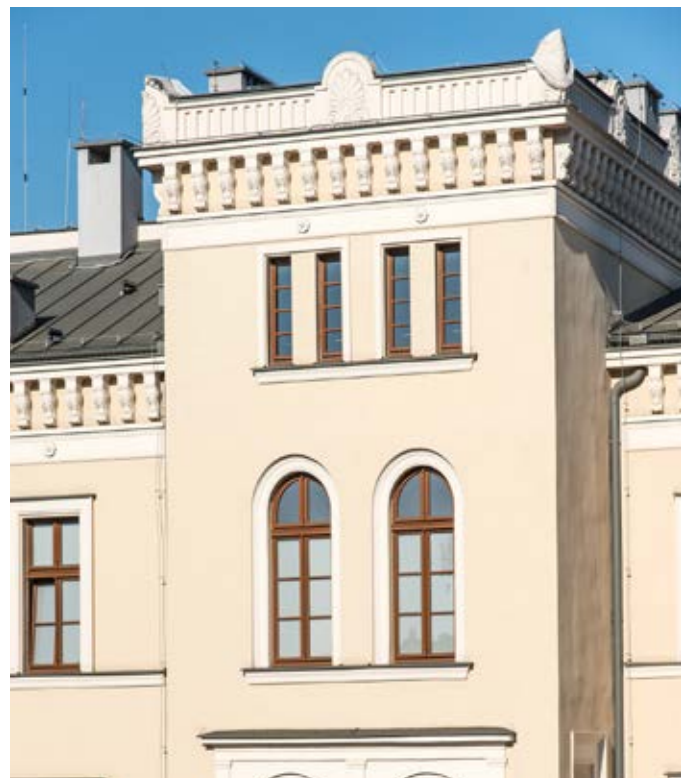
The façades of buildings are constantly exposed to a variety of weather conditions, so will require maintenance over the years. Moisture penetration and transported salts damage masonry and render on façades and interior walls. Moist walls can result in algae and mould, which can affect the buildings stability, negatively impact the health and well-being of the occupants and increase heating costs which consequently result in a loss in value.

RENOVATION

The visual renovation systems from Baumit are the perfect solution for all façades that have lost their original finish. Whether you are faced with dirt build up, bleaching, algae or cracks in the render, a visual renovation system from Baumit provides a quick but effective solution.

RESTORATION

Old buildings often show damage caused by the presence of moisture and salts in the masonry. This can impair the functionality and sometimes the health of the people living or working in the building. With Baumit Sanova products, older buildings can be preserved, thus forming the basis for a sustainable life.

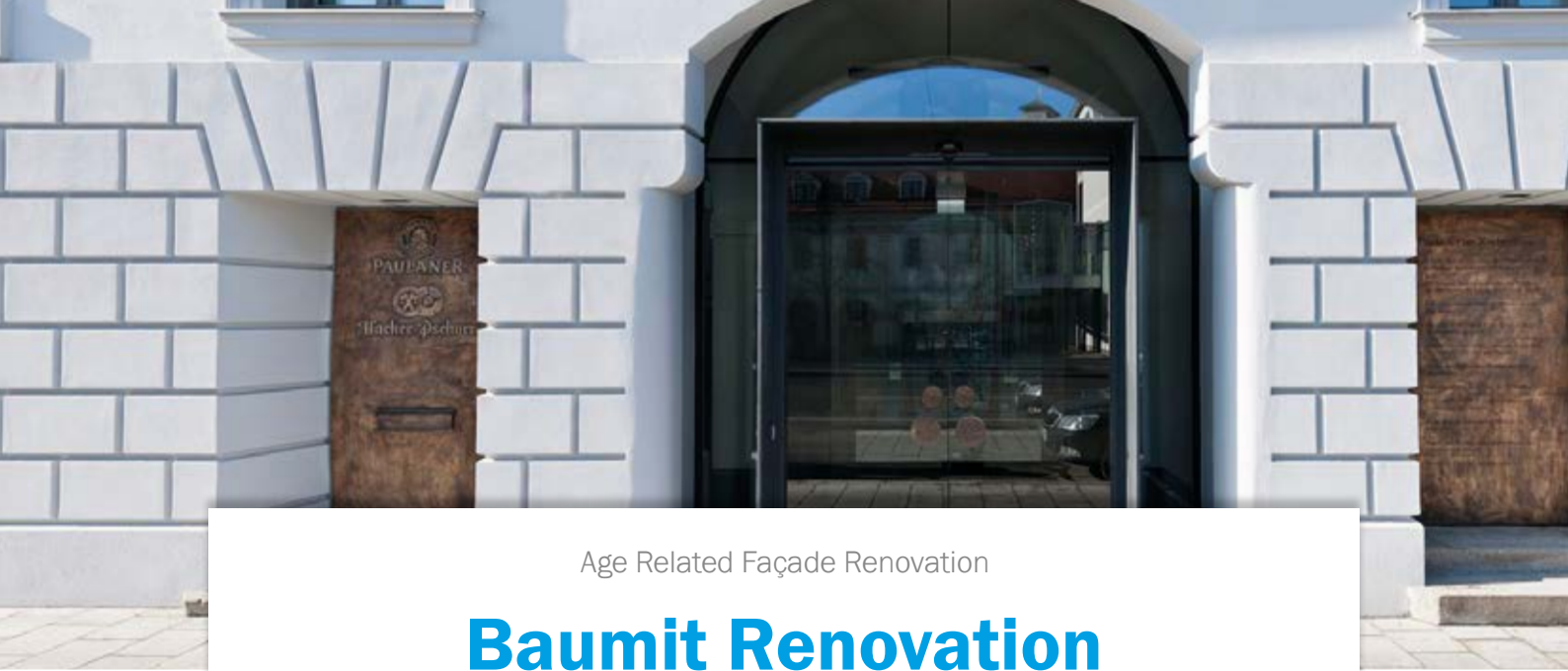




Project by: Munday Finishes Ltd - Baumit Approved

- Easy application
- Simple and effective
- Durable
- Designed for damp and salt-contaminated walls
- Protection against frost and salt grit
- For a variety of renovation needs
- Suitable for historic and listed buildings





Age Related Façade Renovation

Baumit Renovation

There are many different factors that can rob a façade of its initial shine and prevent it from functioning properly. Whatever the reason, Baumit has the right system solution for every renovation.

- Simple
- Quick
- Durable

From old to new

A façade is not just a means of decoration, but is also a protective shield for every building. As such, it is exposed to many different environmental stresses on a daily basis, which can leave their mark over time. From sun-induced colour fading to deep cracks and algae or mould infestations, there are many different factors that can rob a façade of its initial shine and prevent it from functioning properly. Whatever the reason, Baumit has the right system solution for every renovation. Starting with professional substrate preparation right through to the final coat of Baumit façade paints or render.

Substrate preparation

In order to ensure that the topcoat adheres correctly, the substrate must be sufficiently sound, dry, stable and free of dust and frost. The substrate must therefore be assessed before the start of the painting work and any necessary substrate preparation must be carried out to bring it up to the required standard.

SUBSTRATE PREPARATION



Baumit MultiPrimer

Water-vapour-permeable. For stabilising mineral and organic surfaces and reducing & equalising water absorption before the application of all Baumit final coatings. Solvent-free.



Baumit SanovaPrimer

Primer for stabilising friable surfaces. Suitable for lime/cement and chalky renders. Not suitable for exposed masonry!



Baumit FungoFluid

Ready-to-use, water-based solution for the treatment of façades and wall areas affected by fungi and/or algae.



Baumit FillPrimer

Universal, crack-filling primer. Especially suitable for the renovation of hairline cracks.



Baumit Antisulfat

Aqueous solution for the chemical treatment of harmful salts (sulfates and chlorides) during masonry restoration.

RENOVATION SYSTEMS

Baumit Paint System

For surfaces with no visible cracks that just need refreshing. Prepare the surface with the respective Baumit Primer and finish with two coats of any Baumit high quality façade paint.

Cracks smaller than 0.5mm




Small cracks in a façade allow water to penetrate, which can then freeze in the winter, resulting in far greater damage. For cracks smaller than 0.5mm, all you need to do is fill in the cracks by painting over them with Baumit FillPrimer and then finish with two layers of one of Baumit's high-quality façade paints.

Cracks greater than 0.5mm

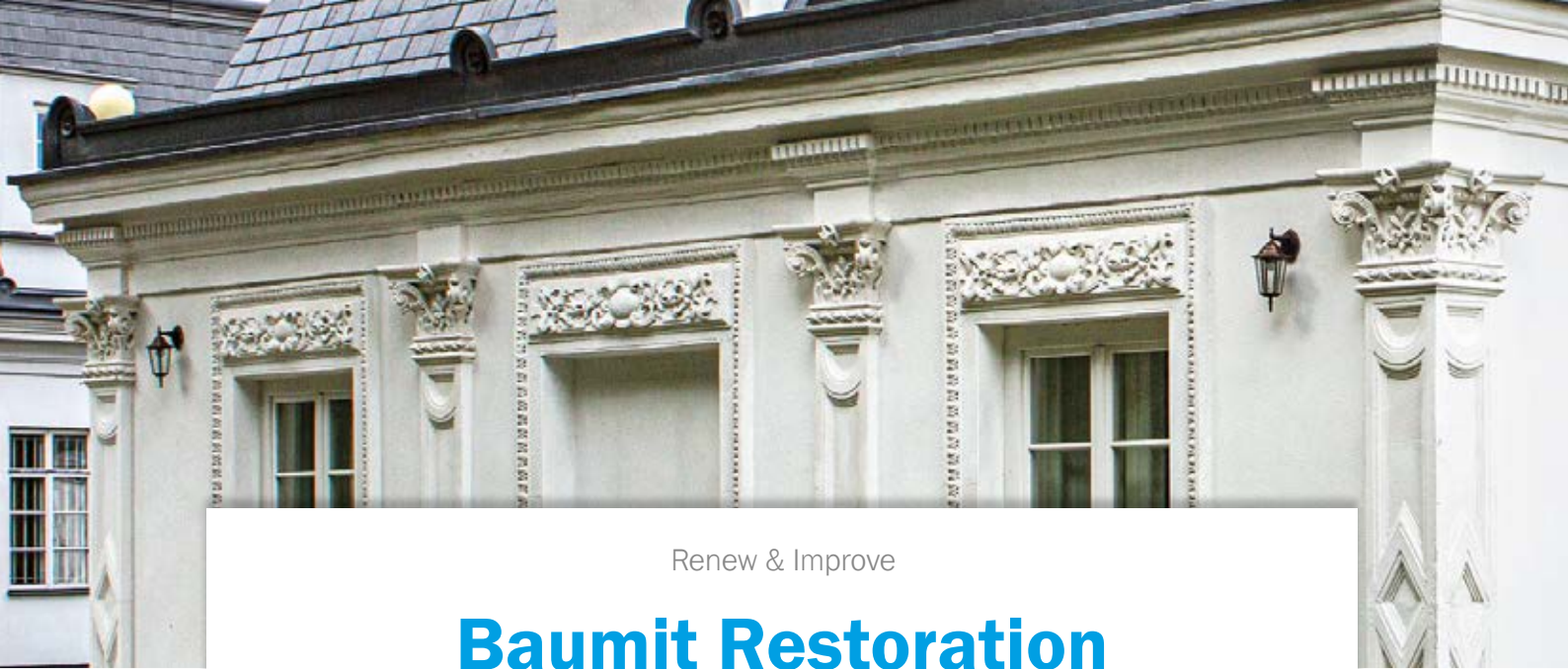
If the façade has larger cracks that are clearly visible to the naked eye, it is at risk of water penetrating the surface causing long-term damage to the structure. A solution is to use Baumit's MultiContact MC55 as a basecoat. It's water-repellent and flexible properties make it the ideal reinforcing mortar for Baumit StarTex textile-glass mesh. You can subsequently add the finishing touch to your façade with one of Baumit's high-quality Tops and paints.



RENOVATION SYSTEMS

			
Paint System Colour	Crack System Cracks < 0.5mm	Crack System Cracks > 0.5mm	
<ul style="list-style-type: none"> ■ Quick ■ Easy ■ Beautiful 	<ul style="list-style-type: none"> ■ Filling ■ Quick & easy ■ Renewed protection 	<ul style="list-style-type: none"> ■ For renovating existing render ■ Improved protection ■ For static and dynamic cracks 	
All Baumit façade Colors	All Baumit façade paints (optional)	All Baumit façade paints (optional)	PAINT
	All Baumit façade Tops	SEP NanoporTop StarTop PuraTop SilikatTop SilikonTop GranoporTop MultiFine RK 70 N	TOPCOAT
		Premium Primer	PRIMER
		StarTex	REINFORCEMENT MESH
		MultiContact MC55	BASECOAT
Baumit Primer*	FillPrimer	Baumit Primer*	SUBSTRATE PRETREATMENT

*Depending on substrate



Renew & Improve

Baunit Restoration

Baunit restoration renders are especially developed for moist and salt stressed masonry and are ideal for interior and exterior use.

- Salt and moisture resistant
- Restore old historical buildings
- Practice-proven

The high porosity and the reduced capillary water absorbency ensure a dry and functional render surface. With Baunit Restoration Systems renovated masonries and walls will remain attractive and beautiful and give the render surfaces much longer durability.

Good to know

Surface measures alone can only temporarily cover up damage to the building. Only by eliminating the causes of the damage can a long-term effect be achieved.

Baunit Restoration Systems

Our specially developed restoration systems provide a systematic method for professionally restoring and preserving rendered surfaces and façades that have been damaged over time by moisture and salts. The breathable structure of Baunit renovation products ensure that water can evaporate from moist walls. To achieve a long-lasting, render surface, moist masonry must first be dried out, and measures should be taken to ensure that no new moisture can enter the walls. One of our recommended systems can then be applied to breath new life into a once ageing building.



Project by: R Fulcher & Sons Ltd - Baunit Approved





RESTORATION SYSTEMS



- Salt and moisture resistant
- Highly durable
- Perfectly coordinated systems
- Machine or hand application

NanoporColor / StarColor / SilikatColor

PAINT
(OPTIONAL)

NanoporTop / SilikatTop / SEP / MultiFine RK 70 N

TOPCOAT

MultiContact MC 55 W & StarTex

REINFORCEMENT
LAYER
(OPTIONAL)

Sanova SP Grey

Minimum render thickness: 20mm
Low salt load: 20 - 30mm single layer
Medium salt load: 25 - 40mm possibly multi-layered
Strong salt load: 35 - 50mm multilayer

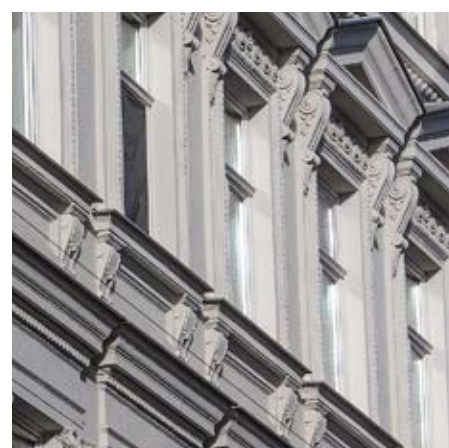
BASECOAT

SanovaPre (SV61)

SPLATTER DASH /
SLURRY COAT

AntiSulfat
(if required)

PRE-TREATMENT





Baumit Ltd

t: +44 (0)1622 710 763
e: contact@baumit.co.uk
w: baumit.co.uk

Unit 2 Westmead, New Hythe Lane,
Aylesford, Maidstone, Kent, ME20 6XJ

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