baumit.com

- Reduces sound impact
- Stabilizes temperature
- No emissions

Tiling | Flooring | Gardening

Solidity counts

For safety and comfort

Baumit. Your home. Your walls. Your health.

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

Explore the world of Healthy Living

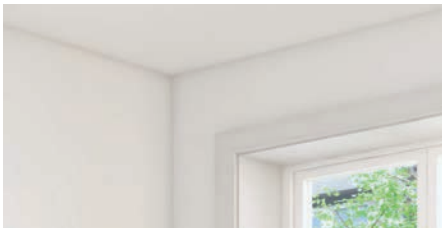
Our health is founded on three well-known pillars: nutrition, exercise and lifestyle. With each of these pillars we increase our health. Our lifestyle is directly linked to our living space. This can be optimally designed with the right building design and the right building materials.

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

Healthy building.
The true quality of healthy building materials becomes clear when you live with them. This is because 90% of our time is spent indoors. The way to achieve this is simple: only if you build healthily you can live in a healthy environment, laying the foundation for a healthy life.

Healthy living
An insulated house and climate-regulating walls allow you to feel comfortable so you can live a relaxed and healthy life in a beautiful, clean environment.

A healthy life
Particularly at times of hectic activity and professional challenges, our living space becomes a place to relax and recuperate – our personal powerhouse.



7 factors for your healthy home

The term indoor climate describes the interaction of various influencing factors in interiors, which can affect the quality of life, comfort and, consequently, the health of people. As well as temperature and air humidity, there are other factors that affect the indoor climate.

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 the right room temperature, you also need the right amount of air humidity. We perceive a relative humidity of between 40 and 60% as pleasant.

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

4. Noise.
Noise is understood to be disturbing and annoying sounds. It is considered to be one of the greatest environmental stress factors that can have a negative impact on well-being and recuperation.

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

6. Odour
Unwanted odours caused by building materials are not only annoying but, in the worst case, can also lead to complaints such as headaches, tiredness or irritation symptoms.

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? The largest research project in Europe, the Baumit Viva Research Park gives them a voice, by deciphering more than 1.5 million items of data per year.

- **Europe's largest comparative research project into building materials**
- **1.5 million measurement data points per year**
- **External analysis by research partners**

VIVA Research Park.
Baumit has been working on the subject of "healthy living" for more than 25 years and has launched numerous innovative products onto the market in this field.

However, in the course of this intensive study, it became clear that there are currently few scientifically substantiated conclusions about the effects of building materials on health and well-being. Therefore, in 2015 a unique Europe-wide research project was launched.

Research and discovery
On a site next to the Friedrich Schmid Innovation Centre in Austria, there are now 13 research houses built using different construction methods – ranging from solid construction, concrete and solid brick to timber and lightweight timber frame constructions. These have been covered with various interior and exterior coatings.

The houses have internal dimensions of three by four metres. They each have a window and a door. All the houses have the same external climatic conditions. For the building materials, contemporary products that are available on the market were deliberately chosen.

This provides a real-life illustration of the range of possible construction methods that house builders may encounter.

Habits and user behaviour
In the houses, user behaviour is simulated: for example, the ventilation habits and the occurrence of moisture due to showering, cooking or sweating can be replicated. There are over 30 measuring sensors in each house, which record a wide range of physical parameters around the clock.

The different building materials used are examined for toxicological interactions, well-being, comfort and effects on health.

The measured data is recorded and stored via computer control at an in-house measuring station.

Scientifically proven
But of course we want to be absolutely certain, so the results are also subjected to an external analysis by our research partners, such as the Austrian Institute for Building Biology and Ecology (IBO), the University of Applied Sciences Burgenland and MedUni Vienna.

This is because it is only when we know exactly what impact building materials have on the indoor climate that we will be able to develop our products to be even safer and healthier.

3 Elements
of Healthy Living

After two years of intensive research analysing and evaluating 5 million data points, it is clear that construction methods and building materials have a significant impact on health and quality of life. Regardless of which architecture you choose when building a house, all houses have one thing in common. In order to create a healthy building, the following three areas have to be taken into account:

INSULATION FIRST – Protection and cosiness
SOLIDITY COUNTS – Safety and comfort
INTERIOR VALUES – Natural and healthy living

INSULATION FIRST

SOLIDITY COUNTS

INTERIOR VALUES

INSULATION FIRST

Protection and cosiness

Good thermal insulation not only makes a significant contribution to the energy efficiency of your building, but also ensures pleasantly warm walls in winter and pleasantly cool walls in summer. The living space thus becomes a comfortable space with no draughts. Living becomes more comfortable and healthy.

SOLIDITY COUNTS

Safety and comfort

Solid walls, as well as solid ceilings and floors, can be externally protected with good thermal insulation so they store heat in the winter and keep the coolness in the house in summer. The more mass, the more effective the storage and the more stable, pleasant and healthy the indoor climate.

INTERIOR VALUES

Natural and healthy living

A good mineral plaster system can act as a buffer for any peaks in humidity by absorbing excess moisture into the first few centimetres and releasing it again later. This guarantees a constant level of humidity, ensuring a healthy indoor climate.

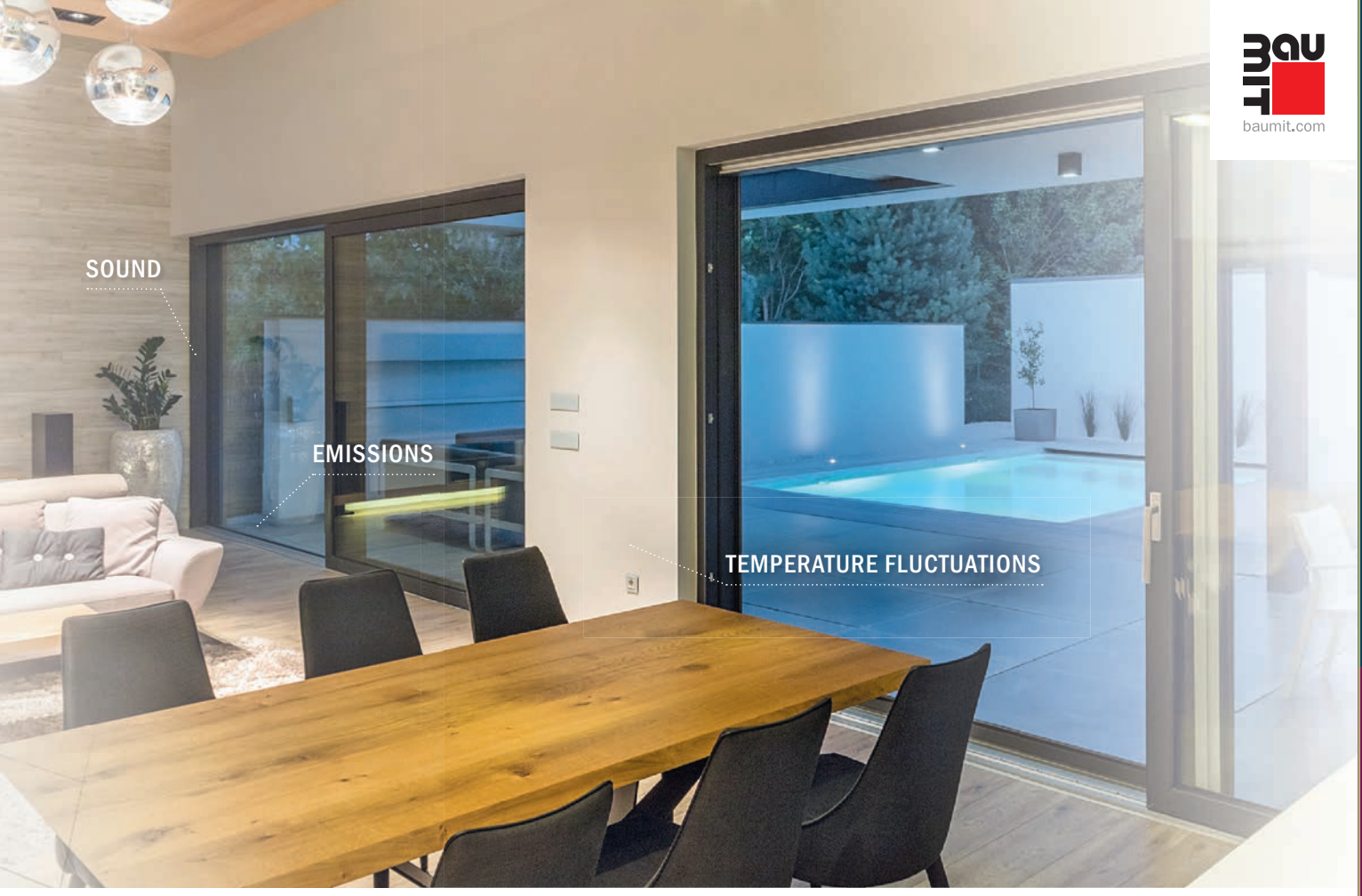
Solidity Counts

Insulate and save – Houses with good external insulation using components with a high mass are best at storing energy and optimally balancing out temperature fluctuations.

The right building materials
For many years, Baumit has been creating healthy living and environmentally-friendly system solutions with its products for healthy indoor air, comfortable living and better relaxation. Our home should, on one hand, provide protection and, on the other, enable us to recharge our batteries, enjoy some rest and devote ourselves to the nice things in life without stress.

VIVA Research Park
A wide range of environmental influences affect us every day. Many of these are rated as detrimental, and can therefore have a negative effect on our well-being and our indoor comfort.

At Baumit's VIVA Research Park, intensive research is being carried out to establish how different building materials and construction methods interact with many of these influences. A vast amount of data is collected, measured and subsequently evaluated. The results ultimately prove the effect or influence of different building materials on the environmental factors mentioned.



Solid, mineral building materials
It is in the nature of things that different materials and substances have different physical and chemical properties. Which substances and building materials ultimately have a positive, reducing effect on certain negative environmental influences?

“There is no substitute for mass.”
Solid building materials act on one hand like a battery, absorbing, storing and releasing energy. Rooms with a high thermal storage mass therefore overheat much more slowly and also cool down much more slowly. Solid building materials thus have a direct effect on the well-being factor of rooms and buildings.

A solid construction also has a positive effect on sound insulation, as any noise is more dampened and better shielded. In addition, these building materials mainly consist of natural mineral substances, so they also help to promote pollutant-free indoor air.

POSITVE EFFECTS

SOUND
Buildings are affected by a variety of sounds: from outside, for example, street noise, passers-by, as well as the environment. Inside, the well-being environment is influenced on the one hand by the neighbours, e.g. footsteps, but the internal walls and furnishings also play an important role. In general, external noise is only perceived as half as loud in houses made of concrete as in houses with a timber frame construction and plasterboard panels. External thermal insulation composite systems can help to increase the sound insulation.

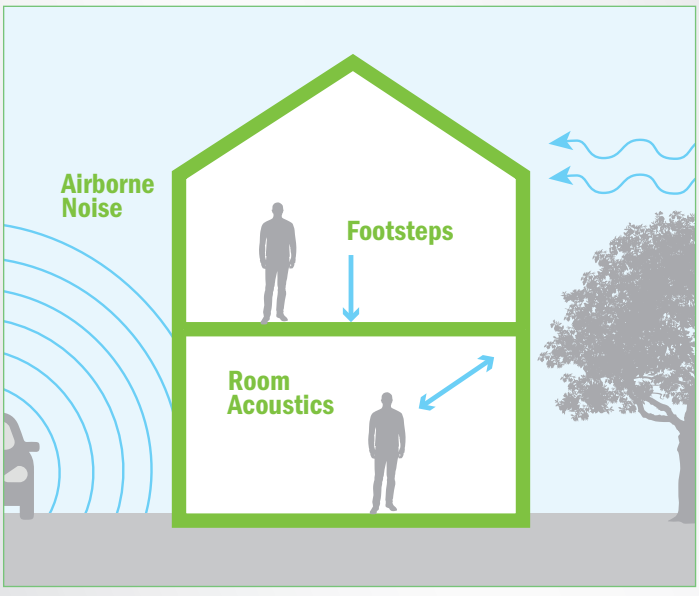
TEMPERATURE FLUCTUATIONS
Hot summer temperatures or rapidly cooling rooms in the winter create a host of different feelings in our bodies and can have a negative effect on sleeping comfort and recuperation. Thermal storage capacity plays an important role because the right building materials can help to buffer or balance these effects due to their mass by storing heat.

EMISSIONS
Energy-efficient construction also often means airtight building designs. As a result, any pollutants remain in the room for longer. The replacement of internal air with external air is now much lower than in old buildings. Modern buildings therefore place much higher demands on building materials than before. This makes it all the more important to choose the right building materials, which should be free of pollutants, mineral-based and breathable.

SOUND

Sound has a variety of sources and can be transmitted in different ways, on one hand, through the air – for example traffic noise – and on the other hand, via building components, for example. This sound or noise is known as structure-borne sound or impact sound.

NOT TOO HOT AND NOT TOO COLD



These can include, from the outside, for example, street noise, wind and the external climate, and from the inside, people, furnishings, walls and the indoor climate.

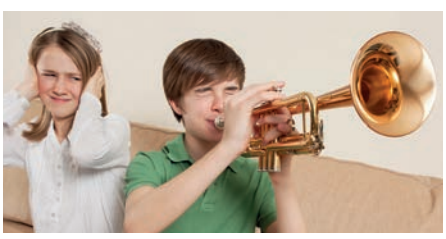
Noise causes illness

Noise is understood to be disturbing, disruptive and annoying or damaging sounds. Noise is not a physical, but a subjective term, i.e. whether sound is perceived as noise depends on the feelings of those affected.

Noise can only be quantified with measurements to a certain extent (e.g. loudness, signal waveform, pitch). The disruptive effects of noise range from mild irritation to actual adverse health effects. Noise is one of the most unpleasant environmental influences and one of the greatest environmental stress factors.

Sound insulation

Soundproofing, impact sound insulation and room acoustics are relevant quality features for buildings and are very important when it comes to the well-being and health of users.
The task of sound insulation is to buffer sounds from outside or from adjoining rooms.



Noise barriers for outside noise
Soundproofing measures, such as noise barriers or noise protection walls along roads and railway tracks are everywhere and are a controversial, ubiquitous and above all ever-present topic. Here, we can make a significant contribution to our well-being by using solid building materials in our buildings. The sound measurements carried out at the Baumit Research Park show that solid building components reduce exterior noise by up to 50%.

Impact sound
As well as thermal insulation, good sound insulation is now a key criterion for high-quality buildings. Noise pollution resulting from transmitted impact sound can have a negative impact on health. The more effectively individual components are decoupled from each other, the more effectively the impact sound can be dampened. The more solid the walls, ceilings and floors, the better the soundproofing.

Room acoustics
When building and furnishing a building, the emphasis is usually on the visual impression or the functionality of office space. Often, no consideration is given to the acoustics. Yet we prefer to be in rooms with good room acoustics, we work better and recuperate more quickly. Bad acoustics are detrimental and cause stress.

TEMPERATURE FLUCTUATIONS

Building components with a high storage mass, e.g. solid walls, screeds and also plasters can absorb, store and release heat energy well when it gets cooler.

Warm in winter, cool in summer
If, in winter, the interior is heated to a comfortable temperature, the temperature does not decrease as quickly, so that, after ventilation, for example, the living room heats up to a comfortable temperature again more quickly.

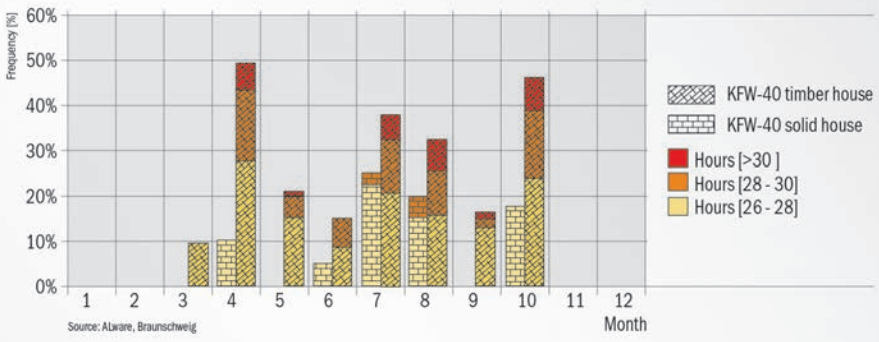
The walls and the floor act like a tiled stove. Conversely, in summer, the rooms stay pleasantly cool. The better the thermal insulation, the better the building components can make use of their storage mass, as the walls are protected from the outside, preventing energy from being lost. Two essential factors for a healthy, comfortable living environment are therefore good insulation and the greatest possible storage mass.

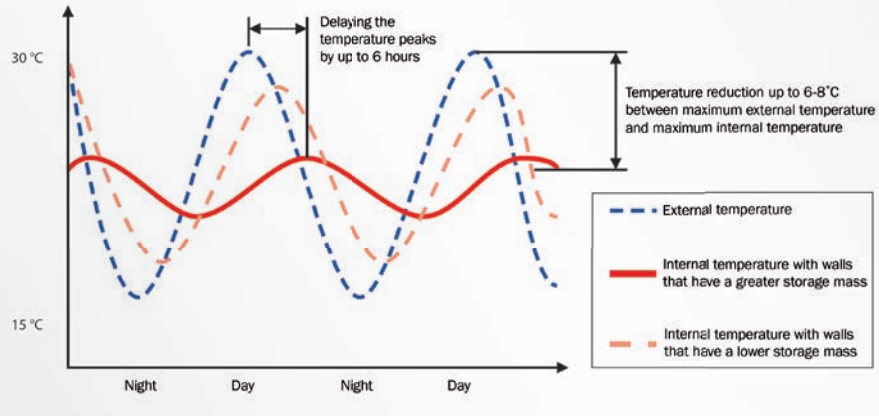
Cooling and heating effects of walls, ceilings and floors
Studies prove the influence of different building materials, as well as the layer thickness of walls, ceilings and floors. The more storage mass that is present, the longer and better these surfaces are able to help to cool down the room temperatures in summer and to heat them up in winter. While solid ceilings and floors, for example, can buffer cold and heat for more than 12 hours, in lightweight constructions, this potential is exhausted after only a short time. Also, the surface temperature of the interior walls varies depending on the materials used. Measurements carried out at the VIVA Research Park showed a variation in the wall surface temperature inside solid houses of up to 4°C. By contrast, in lightweight constructions, differences of up to 8°C were detected on the interior wall surfaces.

Overheating in summer:
Studies have shown that rooms in buildings with a low storage mass can overheat much more easily and frequently. Comparison of a timber frame construction with a solid house.

Delaying and damping effect of wall systems
The graph shows that solid walls result in a longer delay, as well as a significant reduction, in the effects of outside temperature spikes. This means that the interior temperature can be kept more stable.

ETICS REGULATE HUMIDITY

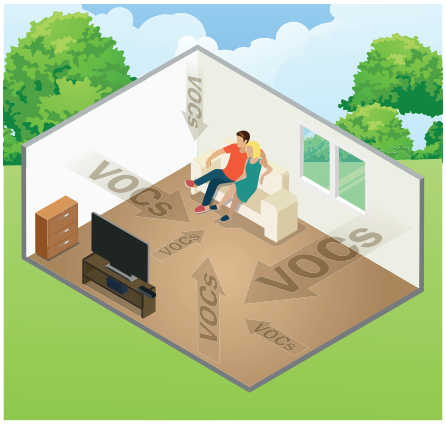




EMISSIONS

Free of pollutants: Healthy living is in the spotlight more than ever before, sothe issue of indoor air quality and indoor pollution levels is becoming increasingly important.

Science now has increasingly detailed toxicological findings on the influence of pollutants on the human organism. Particularly in new buildings or after renovations, increased indoor pollution levels can occur, which can cause unpleasant odours or health problems for the residents.



VOC

VOC (volatile organic compounds) are irritants and odourous substances that are contained in many products – including building materials. Pregnant women, infants and children in particular are affected by these pollutants caused by VOCs. They can cause, among other things, irritation of the respiratory tract and eyes, or result in fatigue, lethargy and headaches, and even allergic symptoms.

Viva approved
Which pollutants are released into the indoor air by the different building materials and in what quantities? The researchers at the Viva Research Park investigated these topics and carried out VOC and formaldehyde pollutant measurements. Essentially, it was found that buildings made of concrete and bricks with a mineral interior coating are largelyfree of volatile organic compounds (VOCs) immediately after completion.

Guaranteed pollutant-free
However, the Viva Research Park is not the only research centre where Baumit building materials are tested. Baumit works closely with recognised testing institutes to test their function and safety for humans and the environment: NaturePlus for natural and healthy interior plaster systems, the Eco Institute for pollutant-free building materials and with Emicode for low-emission building products. Baumit products are reliable and safe for people and the environment.

What is Emicode?
Emicode is a trademarked eco-label for the product classification of low-emission construction products.

EMICODE provides guidance on consumer health and environmental protection for the assessment and selection of chemical building products. Emicode is divided into three categories which indicate the emission behaviour of the labelled product.

- EMICODE EC 1 plus, the premium category (“very low emission”)
- EMICODE EC 1 corresponds to “very low emission”
- EMICODE EC 2 corresponds to “low emission”

baumit.com

TILING

FLOORING

CONSTRUCTION & GARDEN

For safety

Solidity counts

and comfort

Systematic Tiling with Baumit. The complete range for laying tiles, from sealant to silicone! Baumacol system products are optimally harmonised and always offer the right product for your individual design.

BAUMACOL PREPARATION & SEALING Page xx

For professional tile-laying, it is essential to prepare the substrate properly. Whether you are dealing with uneven or exceptionally absorbent or non-absorbent surfaces, Baumit offers the right product for every scenario. Baumacol is also ideally equipped to provide protection against moisture.

baumit.com

TILING

FLOORING

CONSTRUCTION & GARDEN

Baumit Tiling

Strong bonding for a lifetime!

- Safe adhesion
- Strong in a system
- Fast application
- Extensive range
- Suitable for indoor and outdoor use
- Easy to clean
- Water and frost-resistant
- Flexible and durable
- Large selection of colors

BAUMACOL ADHESIVES Page xx

Baumacol tile adhesives not only meet strict European performance standards, but also offer the right solution for every application. For indoor or outdoor use, cement or gypsum-based substrates and tiles of all types and sizes, the Baumacol range from Baumit is your professional partner in all departments.

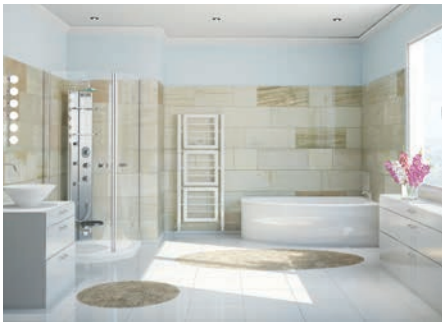
BAUMACOL JOINTS Page xx

Baumit PremiumFuge and Baumacol Silikon round the package off perfectly. They connect the joint area and protect against moisture penetration and create also an attractive overall impression. They also create an attractive overall impression.

Baumit Baumacol Preparation

Smooth & Ready

- **Strong and safe**
- **Quick and easy**
- **Suitable for every tiling idea**



Safe, fast and beautiful.
With the Baumit Baumacol range tiling dreams can easily and safely come true. Whether in the bathroom, on the terrace or in the kitchen, Baumacol is the foundation for a wide variety of design possibilities.

Quick and easy.
The Baumit Baumacol range is optimised for quick and easy application. This allows to achieve the most beautiful results in the fastest possible time. Even large tile formats can easily be apllied.

Strong and safe.
On every substrate and for any type of tile, tried-and-tested Baumit quality provides safe adhesion. Of course, the same applies to areas subjected to thermal stress. Whether they have underfloor heating or are severely exposed to sunlight outdoors, Baumacol is always the right choice.

Suitable for every tiling idea.
Whether for natural or artificial stone in large or small formats, and of course for any color, Baumit Baumacol is your reliable partner for both indoor and outdoor applications. You can be certain that Baumacol will make your living rooms, wellness facilities and dream terraces beautiful.

PREPERATION

Baumacol Preciso
This highly-tempered special mortar bonds quickly and sets hydraulically. Thanks to its special additives, it has excellent application properties, sets without stress in thicknesses of up to 20 mm, and is then both resistant to water and frost impacts.

Baumit Grund
This high-quality synthetic resin emulsion penetrates right into the substrate. Before application, the substrate must be dry, frost-free, firm, able to bear loads, stable and free of dust, dirt, oil, grease, release agents and loose parts.

Baumit SuperPrimer
This solvent-free, quartz sand-filled, ready-to-use primer with a special dispersion basis meets special challenges: it is ideal for indoor and outdoor areas in terms of preparing non-absorbent substrates and also for old substrates in renovation projects.

baumit.com

TILING

FLOORING

CONSTRUCTION & GARDEN

Proofing and Sealing
To achieve an optimal result, the substrate must be level, dry and both oil and dust-free, and it must show sufficient load-bearing capacity. Any major surface discrepancies must be levelled out in advance using Baumit Preciso.

Depending on the surface texture, the adhesion of the adhesive mortar may be impaired. However, with the right primer, this problem can be solved quickly. For highly absorbent surfaces such as gypsum or drywall, Baumit Grund is the perfect solution. To increase adhesion on a non-absorbent substrate (e.g. old tiles), we recommend Baumit SuperPrimer. Effective against moisture Because ceramic tile or slab coverings and artificial or natural stone coverings are not waterproof, on account of their grouting, the wall and floor structures underneath them need moisture protection.

This is provided by a moisture-resistant sealant layer that safely protects the floor against moisture penetration. Baumacol Proof is ideal for providing seamless indoor insulation. Baumacol Protect is the effective solution for outdoor use.

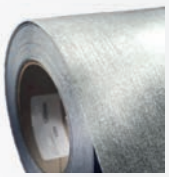
Perfect connection
For the bridging and sealing of connection and corner joints, the joint sealing tape Baumacol Strap guarantees safe protection.

PROOFING AND SEALING

Baumacol Proof
Single-component sealant paste - permanently elastic, bridges cracks, suitable for flexible sealing under indoor ceramic coverings.

Baumacol Protect
Single-component cement-based sealant, for use as flexible composite sealant under both indoor and outdoor ceramic wall and floor coverings.

Baumacol AquaSafe
3-layer waterproofing membrane for protection against cracking and moisture on walls and floors under thin-laid tiles and ceramics.



Baumacol StrapPlus
Sealing tape made of TPE-coated, cross-stretchable and longitudinally stable polypropylene fleece. For area of wall and floor connection for the production of sealing foils with Baumacol Proof and Protect.

Baumacol Strap
Transversely stretchable, longitudinally stable polyester knitted fabric coated with thermoplastic elastomer. thin and tear-resistant for wall and floor connection for the production of joint seals.

Baumit Baumacol Adhesives

Strong & Safe

- **Strong adhesion**
- **Safe application**
- **Long-lasting beauty**

In order to achieve optimal results when laying tiles, you need to use a suitable adhesive. The right choice of tile adhesive depends on the substrate and the type and size of the tiles. In addition, tile adhesives also need to meet the performance requirements of European standards EN 12001, EN 12002 and EN 12004.

Adhesion strength
C1 and C2 define tensile adhesion strength values (DIN EN 12004). Class C1 sets a minimum requirement of at least 0.5 N/mm² for all cement tiling mortars. Class C2 requires tensile adhesion strength values of at least 1 N/mm² for thin-bed mortars, and therefore describes a considerably higher performance standard.

Flexibility
While S1 requires a sag of at least 2.5 mm and less than 5 mm, the S2 mark is used only for highly malleable and flexible adhesives with a sag of at least 5 mm.

Application properties
In addition, other letters such as T, E and F in the marking define the application properties, which can be chosen freely.
T = thixotrop (stands for reduced slip down)
E = extended open time
F = fast setting

Baumacol adhesives
Baumit provides the right adhesive for every application as ceramic coverings usually represent a considerable value. The use of a high-quality and reliable laying program is therefore of utmost importance.

Professional tile adhesives guarantee strength, flexibility and adhesion to the same extent. The classic Baumacol Basic and Baumacol FlexUni are ideally suited to common mineral substrates and tiles with an area of max. 35x35 cm.

THE GLUE

Baumacol Basic
Cement-based, stable, frost-resistant adhesive mortar for laying tiles using the thin-bed method. Suitable for laying ceramic tiles, slabs, mosaic, earthenware, split tiles and clinker slabs, for use on mineral-based substrates, and for the bonding of building and insulation panels.

Baumacol FlexUni
Malleable, cement-based, frost-resistant thin-bed adhesive mortar, highly tempered, grey, for laying stoneware, earthenware and porcelain stoneware tiles and slabs both indoors and outdoors, highly stable and has extended open time.

Advanced Application:
Large tile - great effect. Even in small rooms large tiles create a beautiful sense of spaciousness. Large format tiles as well as ceramic elements (giga formats) are not only fully in the trend, but also show highest resistance. Another advantage is the dense surface, combined with an extreme low water intake.

The professional:
For example, the Baumacol range of flexible adhesive mortars includes Baumacol FlexTop White, Baumacol FlexTop Speed, Baumacol FlexTop. As a result of their special additives, they provide the necessary flexibility to be able to lay tiles safely, even on critical substrates. Because they are tempered, they also offer better adhesion than normal cement adhesives on very smooth substrates.

This means that even tiles with very dense and glassy surfaces (e.g. porcelain stoneware) can be laid safely with a flexible adhesive.

FLEX ADHESIVES

Baumacol FlexTop Speed
Fast flexible adhesive mortar for laying in the thin-bed process.

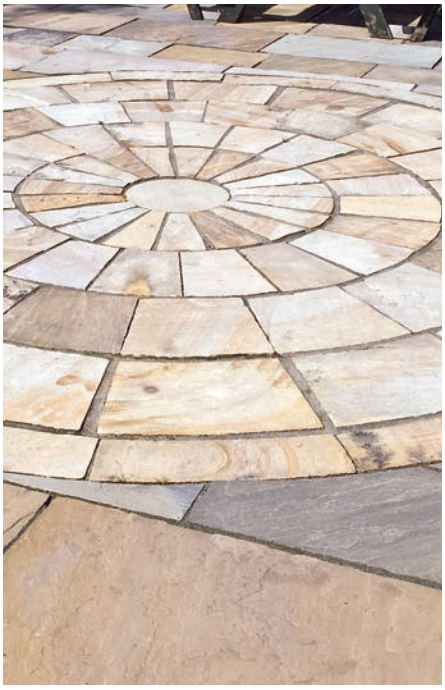
- Fast bonding
- Highly flexible (S1)
- For large formats and natural stone

Baumacol FlexTop
Highly flexible thin-bed tile adhesive.

- Highly flexible (S1)
- For low absorbent substrates and coverings
- Suitable for underfloor heating

Baumacol FlexTop White
White, highly flexible thin-bed tile adhesive.

- For white coverings
- Highly flexible (S1)
- Suitable for underfloor heating



Baumit Baumacol PremiumFuge

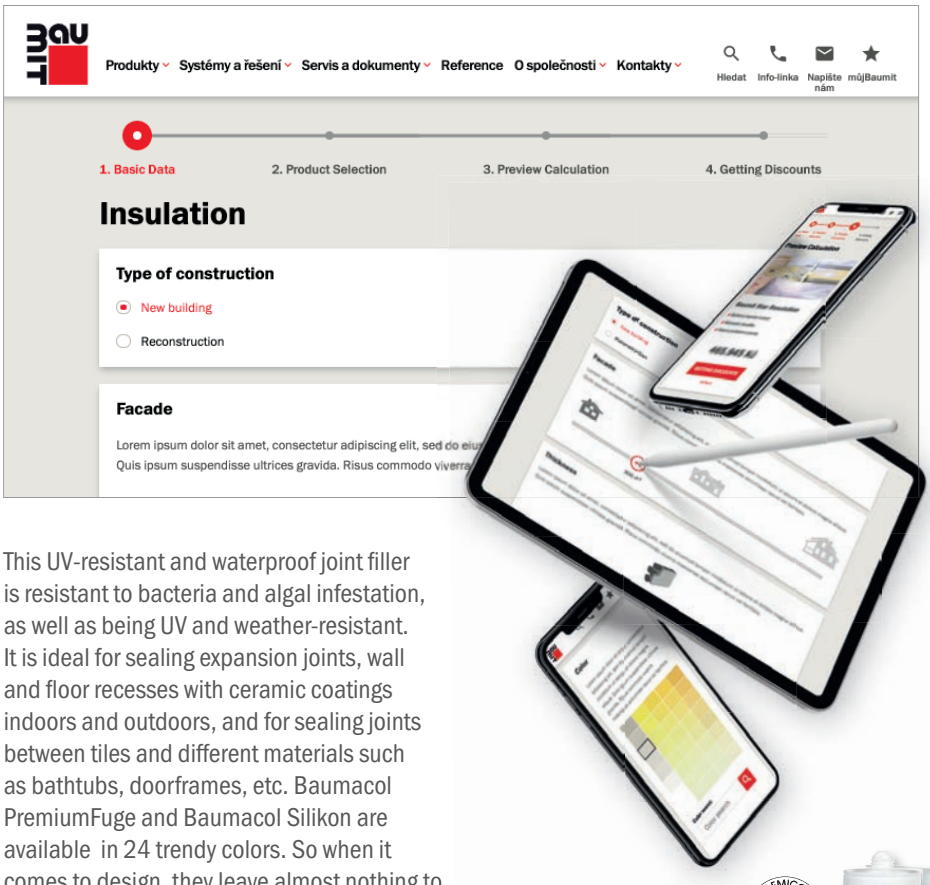
Dense & Flexible

- **Fast application**
- **Safe protection**
- **Large selection of colors**

Grouting plays an exceptionally important role in the laying of tiles. Fuge bonds the individual components together, while simultaneously protecting them against moisture penetration. It also creates an attractive overall impression.

Quick and easy
Baumacol PremiumFuge is the quick and universal solution for all types of tiles and substrates. Baumacol PremiumFuge is an exceptionally flexible and waterproof grout. Its high resistance to frost, dirt and mildew make it the perfect solution for indoor and outdoor use. By being easy to insert into the joint and equally quick to bond with the joint filler, it is quick and easy to apply and work with. Suitable for ceramic tiles, slabs, mosaic, natural stone and porcelain stoneware. For underfloor heating and wet rooms. Usable on walls and floors, as well as terraces and balconies.

Safe and elastic
For permanently elastic sealing of expansion and connection joints indoors and outdoors, the single-component, silicone-based joint filler Baumacol Silikon is the perfect choice.



This UV-resistant and waterproof joint filler is resistant to bacteria and algal infestation, as well as being UV and weather-resistant. It is ideal for sealing expansion joints, wall and floor recesses with ceramic coatings indoors and outdoors, and for sealing joints between tiles and different materials such as bathtubs, doorframes, etc. Baumacol PremiumFuge and Baumacol Silikon are available in 24 trendy colors. So when it comes to design, they leave almost nothing to be desired.

Calculate your project online
Do you want to know how much to buy or where to get the best offer? With just a few clicks you get a product list and expert recommendations tailored to your project. Try it now:
https://calculator.baumit.com/

NEW COLORS

NATURAL LINE

white | jasmin | bahama | manhattan | pale olive | irish sand

VINTAGE LINE

bermuda | ice blue | lavender | spring rose | antique pink | terracotta

COUNTRY LINE

rubin | dark brown | brown | light brwon | miel | camel

URBAN LINE

grey | silk grey | cement grey | taupe | antracite | carbon

The perfect level surface. Baumit levelling putties and screeds are the perfect solution for all types of floors in old or new buildings. Whether in floating, sliding or composite form, they are quick and easy to lay. They are also suitable for underfloor heating, without any restrictions or the use of additives, and they are exceptionally long-lasting.

NIVELLO – SMOOTH & EVEN Page xx

If you have uneven flooring that needs to be smoothed and levelled out, especially in old buildings, you need a high-quality, fluid, self-levelling putty. Baumit Nivello is the ideal choice for uniform and even results.

RAPIDO – FAST & HARD Page xx

Are you looking for an extra-fast solution that is also exceptionally resilient? This is no problem for Baumit Rapido. Thanks to Baumit's innovative time-saving technology, it is ready for laying floor coverings after 24 hours. But it can do even more than that: with its considerable final strength, it can also withstand higher loads with fibre reinforcement.

baumit.com

Baumit Flooring

Strong and rapid base layer

- Simple to apply
- Ready for laying floor coverings within a short time
- Space-saving at construction sites
- For underfloor heating without the use of additives
- Also suitable for outdoor use
- Fibre-reinforced
- Offers increased area coverage
- Safe and strong
- The right solution for all applications

ALPHA – SELFLEVELLING & JOINTLESS Page xx

Baumit Alpha floating screeds are ideally suited to exceptionally large screed areas and underfloor heating. Thanks to their excellent flowing properties, they sheathe underfloor heating pipes perfectly. This ensures an optimal transfer of heat to the screed via the heating pipes.

SOLIDO – STRONG & RESISTANT Page xx

Baumit Solido screeds are classics of their kind. With their proven high quality, they are suitable for all conventional applications. If you need something even stronger, simply use the fibre-reinforced 300 Class. Thanks to their extra resilience and pressure-resistance, they are also suitable for outdoor use.

Baumit Nivello

Smooth & Even

- **Selflevelling**
- **Low-shrinkage**
- **Suitable for underfloor heating**

Fluid levelling putties
Wherever floors need to be levelled out, levelling putties are the best way to do this. As well as being fast to apply and easy to handle, they create a perfect substrate for laying tiles and other floor coverings.

However, levelling putties are not only necessary for levelling out substrates with excessive dimensional discrepancies or equalising different heights as part of renovation work. They are generally also indispensable if coverings such as XXL tiles, or smooth floor coverings such as PVC or linoleum, require a degree of evenness that screeds cannot generally provide.

Baumit Nivello
Baumit levelling putties are always the perfect choice for this. Whether gypsum-bound (Nivello Quattro and Nivello Centro) or cement-bound (Nivello 30 and Nivello 10), exceptionally fast, strong and/or suitable for underfloor heating, the self-levelling formulas are ideally equipped for every application. As an anti-porosity and bonding agent on absorbent substrates, we recommend Baumit Nivello Grund or Baumit Nivello SuperPrimer, which ensure optimal bonding.

Baumit Nivello Quattro
Nivello Quattro is a self-levelling, calcium sulphate-bound, low-shrinkage, fluid levelling putty. It is suitable for indoor thicknesses of 1-20 mm. Applicable before laying all types of floor coverings. Also suitable for underfloor heating.

Baumit Nivello 30
A self-levelling, cement-bound, fluid levelling putty that can be laid quickly and which is insensitive to moisture. Nivello 30 is suitable for indoor thicknesses of 2-30 mm. Applicable before laying all types of floor coverings, including underfloor heating.

Baumit Grund
This ready-to-use, high-quality, solvent-free, synthetic resin dispersion-based primer combats porosity on highly absorbent substrates, such as cement and calcium sulphate screeds, rough concrete ceilings, etc.

Baumit Rapido

Fast & Hard

- **Ready for laying floor coverings after 24 hours**
- **Fibre-reinforced and can withstand higher loads**
- **Suitable for heated screeds without the use of additives**

Cement Screed.
For both new builds and renovation work, Baumit screeds ensure that floors are permanently stable and beautiful. The choice depends on the end use, load and floor covering.

Baumit Rapido

When «strong» is not strong enough and «fast» is not fast enough, you need Baumit Rapido, the speed champion of all Baumit screeds. Thanks to the Baumit innovative time-saving technology, they are ready for laying floor coverings within 24 hours (Baumit Rapido 1). But they can do even more than that: with their considerable final strength, they can also withstand higher loads with fibre reinforcement.

Baumit Rapido 1

If you need something that is both exceptionally fast and exceptionally strong, Baumit Rapido 1 is the right choice. This ready-mixed, fibre-reinforced cement screed is suitable for floating, sliding and composite screeds. Depending on environmental conditions, it is ready for laying floor coverings after 24 hours (= 1 day), as well as being suitable for underfloor heating without the use of additives. Baumit Rapido 1 is also the perfect choice for outdoor use.

- Safe to walk on: 18 hours
- Can bear loads: 24 hours
- Heatable: 24 hours
- Protection time: 24 hours

Baumit Rapido 7

The ready-mixed cement screed is fibre-reinforced and suitable for floating, sliding and composite screed. Ready for laying after 7 days, it is as well suitable for underfloor heating without any use of additives. Baumit Rapido 7 is not suitable for outdoor use.

- Safe to walk on: 24 hours
- Can bear loads: 5 days
- Heatable: 5 days
- Protection time: 2 days

Baumit Alpha

Selflevelling & Jointless

- **Self-levelling**
- **Offers increased area coverage**
- **Suitable for heated screeds without the use of additives**

The perfect pipe sheath
Thanks to their excellent flowing properties, Baumit Alpha screeds sheathe underfloor heating pipes perfectly. This ensures an optimal transfer of heat to the screed via the heating pipes, thus providing a pleasantly warm floor surface.

Baumit Alpha screeds also ensure
exceptionally rapid progress for construction work. You can create seamless and large screed surfaces quickly and easily by buffing with low-shrinkage, fibre-reinforced floating screed from Baumit.

Alpha 2000 - Strong
Alpha 2000 is the strong solution for high loads. Like Alpha 3000, this ready-mixed calcium sulphate floating screed can be laid as floating, sliding or composite screed and also offers increased area coverage.

Alpha 3000 - Stronger
This ready-mixed calcium sulphate floating screed can be laid as floating, sliding or composite screed and can withstand higher loads. It can be applied by machine and also offers increased area coverage. Alpha 3000 is also ideally suited to indoor underfloor heating, without the use of additives.

- Safe to walk on: 24 hours
- Can bear loads: 5 days
- Heatable: 3 days
- Protection time: 24 hours

baumit.com

Baumit Solido

Strong & Resistant

- **Easy to apply**
- **Also suitable for outdoor use**
- **Suitable for heated screeds without the use of additives**

The classic Baumit screed.
Of all the Baumit product ranges, Baumit Solido has one of the most successful track records. Thanks to its high quality and excellent value for money, it is still as popular as ever. When «strong» is not strong enough and «fast» is not fast enough, you need the fibre-reinforced version, Solido 300. Its strengths really come to the fore when it is placed under higher loads. Wherever you need greater pressure resistance and there are higher loads on the floor, it is the perfect choice.

Baumit Solido 225 – Strong
The tried-and-tested Baumit Solido 225 is suitable for all conventional applications. This ready-mixed cement screed is suitable for floating, sliding and composite screed. It is also suitable for use with underfloor heating and for outdoor use, without any additives being required.

Baumit Solido 225 Fiber – Stronger
Stronger. Fibre-reinforced and can withstand higher loads. Baumit Solido 225 Fiber provides significantly greater final strength and is therefore ideally suited to higher stresses or loads on the floor. Fibre reinforcement offers extra safety. This ready-mixed, fibre-reinforced cement screed is suitable for floating, sliding and composite screeds. It is also suitable for underfloor heating and outdoor use, without any additives being required.

Baumit Solido 300 – The strongest
Suitable for all conventional applications with higher loads. This ready-mixed cement screed is suitable for floating, sliding and composite screeds.
It is also suitable for use with underfloor heating and for outdoor use, without any additives being required.

- Safe to walk on: 3 days
- Can bear loads: 21 days
- Heatable: 14 days
- Protection time: 14 days

Versatile. Nice. Durable. The Baumit Construction & Garden range offers professional and easy-to-apply products for safe masonry construction, designing gardens and parks, and landscaping. Just mix with water and get started. For dreams that will never fade.

MM - MORTARS Page xx

Masonry mortar is used to build brick walls. It fills in gaps, balances out discrepancies in brick measurements, and distributes the load. If used correctly, it also prevents cracks in masonry.

BETON - CONCRETE Page xx

Concrete for pouring, pumping or fun? At first glance, that question may look like mere wordplay, but it also turns out to be the simple truth. The Baumit range is rounded off by three types of dry concrete with special characteristics, all of which have been successfully tested in accordance with dry concrete guidelines.

baumit.com

Baumit Construction & Garden

Landscaping expert

- Safes time & money
- Safety resulting from quality
- Ideal compositions
- Strong and thermally insulating
- Powerful and fast
- Beautiful and individual
- Frost-resistant
- Easy to apply
- Wide variety of possible uses

GALA - GARDEN & LANDSCAPING Page xx

Adhesives, mortars and concrete products from Baumit are for garden and landscaping. As well as the properties normally expected from building materials, this products also need other important characteristics. They are exposed to the weather throughout the year, generally without any protection.

Baumit Mortars

Individual usage

- **Time and money savings**
- **Safety resulting from quality**
- **Homogeneous mixes**

Mortar is a building material, which consists of a binding agent (e.g. lime or cement), aggregate with a grain size maximum 4 mm, and sometimes additives and admixtures, as well as added water. It hardens by means of a chemical reaction of the binding agent. Available in various compressive strengths and with thermal-insulating properties, they can be used individually.

Standard Mortar
The design of modern masonry mortar is no longer comparable with that of traditional mortar that you would have found on construction sites, and which is mixed compositely by hand. It also differs, in terms of key application properties from plastering mortar. The majority of masonry mortar used today is factory-mixed dry mortar. The various mortar manufacturers have taken experience values and application conditions to significantly optimise the compositions, thereby adapting the properties to suit the application purpose.

Baumit MM 100
Classic, tried-and-tested, homogeneous masonry mortar for more demanding static requirements. For greater safety in construction. Ready-mixed, standard masonry mortar of mortar class M 10 for more demanding static requirements. Package type and size: silo/bag 40 kg

Baumit MM 50
Tried-and-tested, classic, homogeneous masonry mortar. For all conventional masonry requirements. Ready-mixed, standard masonry mortar of mortar class M 5 for normal static requirements (for thermally insulating wall materials, Baumit

ThermoMörtel 50
is recommended). Package type and size: silo/bag 40 kg

Thermal Mortar
Thermal mortar is also a common brick mortar. This is predominantly used for building walls with highly heat-insulating wall materials. This use is also important to avoid any unintentional thermal bridges in the joint areas.

The number of joints in solid masonry walls is considerable here, and this is often where the most frequent construction faults occur, where there is a large difference in the thermal conductivity of the mortar used and that of the masonry, for instance.

Baumit TM 50
Baumit ThermoMörtel 50 ensures that heat is never lost through the mortar joint. Invented by Baumit. Ready-mixed, thermally insulating mortar of mortar class M 5. Heat conductivity: $\lambda = 0.18$ W/mK Package type and size: silo/bag 40 litres

Thin-Bed Mortar
Thin-bed mortar is used for masonry with high dimensional accuracy and evenness. Generally, mortar has considerably less strength than bricks or blocks, so masonry built in the thin-bed procedure is considerably stronger than conventional brick masonry built using the thick bed method (standard mortar/lightweight mortar).


See Pricelist page XX

Compared to thick-bed mortar, there is much less mortar required at the construction site. The costs of mixing, transporting and applying are therefore significantly lower.

Baumit PlanoFix W
Ready-mixed, white, powder form, mineral-based dry mortar for building porous oncrete walls. Thin-layer adhesive mortar for the adhesion of even porous concrete blocks.

Baumit PlanoFix
This porous concrete adhesive is an easy-to-apply, mineral-based thin-bed mortar. Once it has set, it is frost and weather-resistant. Baumit PlanoFix porous concrete adhesive mortar is characterised by its excellent bonding with porous concrete. It does not dry out and is easy to apply. Set stones can be corrected without any problems. It meets the technical mortar requirements for the subsequent adding of thin plasters.

EXTRA TIPP

Klinker Mortar
Facing masonry is always executed will full joint work and in one process. If a face joint is required, this could be finished with a piece of old water hose, for instance, so that the joint is sealed to the outside and is even.

Baumit Klinker N
Reduces efflorescence. Trass reduces mortar joint efflorescence. So, for exceptionally beautiful exposed masonry, Baumit KlinkerMörtel is highly recommended. Ready-mixed, trass-containing, standard masonry mortar of mortar class M 5 for normal static requirements.
Specifically for constructing exposed masonry. Max. grain size 2 mm.
Package type and size: bag 25 kg

Baumit Concrete

Strong base

- **Strong & solid**
- **Ready-mixed**
- **Longlasting & secure**

All concretes differ depending on their manufacture, the type of application or its particular properties. That said, a concrete does not have to belong to just one type. One and the same product is often allocated to several categories.

The Properties
As silo goods, dry concretes can be automatically mixed to the correct consistency using the flange-mounted continuous mixer. Water is added according to the desired application consistency.

Fresh concrete should be used as quickly as possible after mixing and be transported to the installation site in such a manner that it remains mixed (wheel barrow, crane bucket, hopper, etc.). Pouring from heights in excess of one metre should be avoided.

The placed concrete must be compressed in accordance with its consistency.
We recommend that you use our Baumit VerdunstungsSchutz to safeguard against fresh concrete drying out too quickly in the sun and wind.

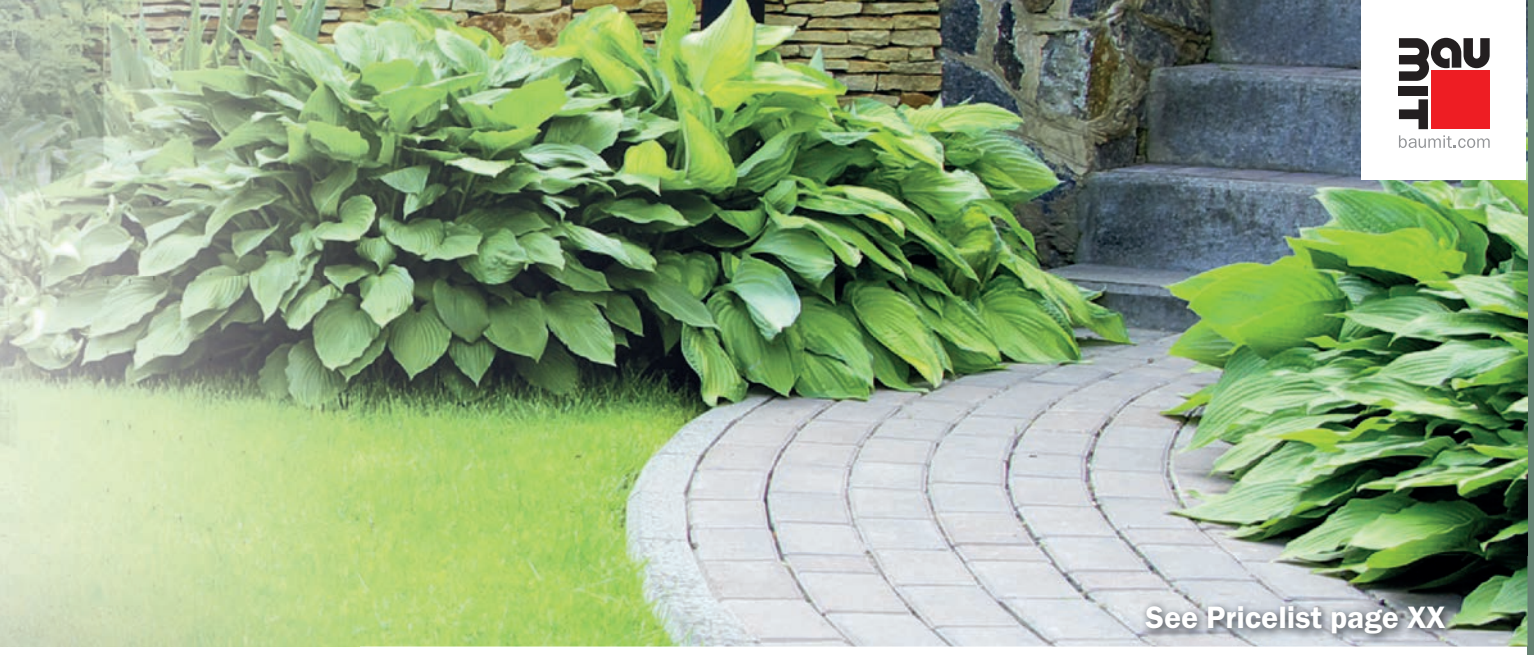
Standard Concretes
For all concrete work at home or in the garden e.g. for supports, lintels, ceilings, top concrete layers for pre-cast concrete slabs, steps, covers, shafts, simple foundations, etc.

Baumit Beton B20
Ready-mixed, fibre-reinforced dry concrete of strength class C16/20 for all concrete work in the home and garden (e.g. foundations, lining block work, steps, cover grilles, window lintels, garden walls, base concrete for slabs and stones). Maximum grain size 8 mm

Baumit Beton B30
Ready-mixed, fibre-reinforced dry concrete of strength class C25/30 for all concrete work in home and garden (e.g. foundations, lining block work, steps, cover grilles, window lintels, garden walls, base concrete for slabs and stones). Frost and de-icing salt resistant - maximum grain size 8 mm

The Benefits
Baumit Beton B20 and Beton B30 are dry concretes. Their benefits in overview:

- For small and large area concrete work
- Concrete available at all times - without pre-ordering
- Processor does not need to provide any machinery (silo goods)
- Easy processing



See Pricelist page XX

Special Concretes
Factory-mixed packaged dry concrete with special pouring characteristics.

Baumit FlexBeton
«Sloping concrete» or «top concrete» refers to a concrete layer that forms a slope or smooths out height discrepancies. Sloping concrete can be added in the same working step as load-bearing concrete, or it can be added at a subsequent stage. For example, flat roofs, terraces or balconies need a gradient of at least 2% so that water can run off.

Baumit ProofBeton
Ready-mixed waterproof concrete of class C 30/37 for manual and machine application.

EASY SOLUTION

Baumit FixBeton
Ready-mixed, extremely fast-setting and resilient dry concrete of strength class C16/20, suitable for all rapid fastening applications (e.g. fence posts, stakes, poles, information and traffic signs, rotary washing lines, sports and games facilities) without static requirements. Can be applied dry or wet. Maximum grain size 8 mm. Package type and size: bag 25 kg

Application options
Without mixing: Sprinkle dry concrete in dry form and then moisten with water.
With mixing: Mix dry concrete in small quantities in the normal way. Within a short time, it can be applied in a pourable or more rigid consistency.

Baumit Gardening & Landscaping

Beautiful appearance

- **Fast application**
- **Frost-resistant**
- **For paving slabs and stones**

Durable, safe and beautiful People who love outdoor pursuits always say the same thing: «There's no such thing as bad weather. Just the wrong clothes.» A similar rule applies to building materials, especially if they are exposed to frost, snow, rain, wind and other harsh weather conditions all year round. Baumit garden and landscaping products can withstand the weather, thus ensuring that they preserve their beautiful appearance for a long time. In recent years, dry mortar has become increasingly popular for use in surface area design. Baumit's wide range of garden products have their finger on the pulse.

Grout
Grout has to meet exceptionally high standards. Strength, abrasion resistance, low water absorption and low shrinkage are some of the essential properties of high-quality grout. Baumit grouts meet the valid European standards, are versatile and promise sustainability in all areas.

Baumit GalaFuge
Ready-mixed, tempered, highly pourable, trass-containing dry mortar of strength class C25/30. For the washing in of paving stones and slabs. Frost and de-icing salt-resistant. Max. grain size 2 mm. Not suitable for grouting kerbstones. Package type and size: bag 25 kg

Adhesives
Strong bonds make structures safe. To create permanent bonds, you need the right adhesive. Adhesive products have to meet different requirements, depending on the materials on which they are used. For natural and concrete slabs, you need an adhesive for frictional connection and as a middle-bed adhesive on screed and concrete, both indoors and outdoors. For bricks, Baumit SteinKleber adhesives can also be used for the seamless bonding of masonry systems.

Baumit GalaFix
Trass-containing middle-bed mortar for the setting in or laying of clinker bricks, natural and artificial stone or, when working with Baumit PflasterDrain mortar, for frictional connection. Package type and size: bag 25 kg

Stone mortar
Safe building and bricklaying. Building walls from natural and artificial stone is becoming an increasingly popular part of garden design and landscaping. Baumit stone mortars have made a major contribution to this trend. As masonry mortars, they are perfect for building natural and artificial stone walls, both indoors and outdoors. They are also ideal for use as levelling mortars for laying natural stone.


See Pricelist page XX

Baumit GalaDur
Ready-mixed, fibre-reinforced, trass-containing, frost-resistant dry concrete of strength class C12/15, suitable as substrate concrete, bedding mortar for inner parts, and as mortar for natural stone walls. Maximum grain size 4 mm. Package type and size: silo/bag 25 kg

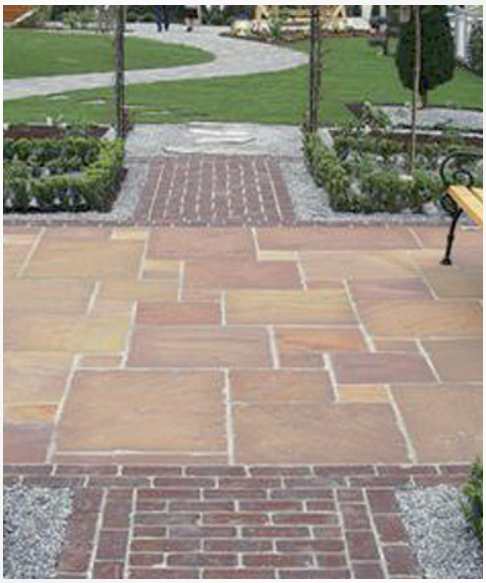
Paving drain mortar
For made-to-measure paving. As with other bricks and stones that are prone to efflorescence, clinker bricks look better if they are laid on a suitable substrate. This prevents waterlogging in mortar beds. After all, stones are entitled to a comfortable, dry bed. As always, Baumit has the solution.

Baumit GalaDrain plus
Ready-mixed, trass-containing, frostresistant, water-permeable drainage concrete of strength class C16/20, suitable as substrate concrete and bedding mortar for paving stones and slabs. Max. grain size 4 or 8 mm. Package size: silo/bag 40 kg

TIPP

Plaster application
For a bed thickness up to 6 cm, compress the mortar bed by manually working in the brick or the slab until it is at the desired height. If the bed is any thicker, use suitable compressing equipment.

Laying the slabs
To ensure that the slabs are properly laid and friction-connected in the bed, apply a suitable adhesive (e.g. Baumit SteinKleber for Baumit GalaDrain) to the entire underside of the slab, to a thickness of at least 5 mm.



baumit.com

Baumit country

Baumit address
two lines

office@baumit.com, www.baumit.com