

BEKATHERM

PRODUCTS FOR EXTERNAL
WALLS AND INSULATION

CATALOG



**THE POWER
IS IN OUR
HANDS**

The content

Introduction

About the company

BEKATHERM thermal insulation facade systems

BEKATHERM Standard White
BEKATHERM Standard Graphite
BEKATHERM Prestige
BEKATHERM Plus

BEKATHERM products for exterior walls

Primers

BK-Grund Universal
BK-Acryl
BK-Ultra Prime
BK-Grund Silicat
BK-Penetrat
BK-MicroGrund Universal

Adhesives

BK-StirolFix 1
BK-StirolFix WDVS
BK-StirolFix Special
BK-StirolFix Base
BK-StirolFix White

Finishing facade renders

BK-Plast
BK-Sil
BK-Sil Si&Si
BK-S Plast
BK-Kul
BK-Briv Special
BK-Banjalit
BK-Terofa

Levelling compounds

BK-GletEx S
BK-GletEx S Acryl

Facade paints

BK-Fas Silicon
BK-Fas Silicat
BK-Fas Acryl
BK-MicroFas Silicon
BK-MicroFas Silicat
BK-MicroFas Acryl
BK-Fas Color

Accessory materials

Bekatherm mesh 160
Bekatherm mesh 145

BEKATHERM insulation products

EPS facade boards

Bekatherm EPS F
Bekatherm EPS Grafit
Bekatherm EPS Gold

EPS construction boards

Bekatherm EPS 150
Bekatherm EPS 120
Bekatherm EPS 100
Bekatherm EPS 30

XPS (extruded polystyrene foam)

BK-Dur

BEKAMENT
STONE BY STONE.



29⁺

YEARS IN BUSINESS



5

QUARRIES



7

PLANTS



350,000t

CAPACITY OF POWDER AND LIQUID PRODUCTS PRODUCTION PER YEAR



500,000m³

CAPACITY OF POLYSTYRENE PRODUCTION PER YEAR



10⁺

MARKETS IN EU



1200

PARTNERS AND DISTRIBUTORS



250⁺

PRODUCTS IN PORTFOLIO

COMPLETE PRODUCTION PROCESS

QUALITY GUARANTEED BY ETA AND ISO STANDARDS 9001, ISO 14001, ISO 18001



500⁺

EMPLOYEES

24/7/365

TEAM SPIRIT



ABOUT THE COMPANY

Bekament is one of the most technologically advanced companies in the production of construction finishing materials, which has been operating successfully in the Serbian and regional markets for nearly 3 decades.



The foundations of the business were laid in 1992. with the establishment of the family-owned company “Banja Komerc”, which was engaged in the processing of mill materials. Only three years later, in 1995. the first quarry was opened, becoming the source of raw materials for the production of finished products, which was launched in 1999. The road to success started with small steps with 4 employees and 2 products. The opening of the quarry was the first major success of the company since it had begun its operations.

Since 2002. the company has been operating under the name “Banja Komerc Bekament”. Today, the complete production process that the Company owns starts from the extraction of the famous stone from its own mine at Venčac, through processing of the same by grinding into granules and micronized fillers, to the production of liquid and powdery materials for finishing works in civil engineering. The Company operates 5 quarries and 7 plants spreading over 25 ha and may boast of a wide range of over 250 product items.

A team of experienced professionals and top experts responsibly take care of all the processes the Company engages in.

In the modern laboratory and quality control department technologists are actively working on improving technological processes and monitoring market requirements, due to which the Company has obtained numerous world-recognized certificates (ETA, ISO 9001, ISO 14001, ISO 18001).

The entire product portfolio is marketed under the BEKAMENT brand. Bekament product portfolio consists of construction finishing materials, including exterior and interior wall products, insulation, waterproofing and ceramics, decorative materials, wood and metal products, sealing and gluing products, hand and machine plastering, as well as special purpose products.

Owing to a well-organized network of more than 1200 partners and distributors, a wide range of products is available to end-users in more than 10 markets in the European Union and the region.

With constant innovation, commitment to business and long-term planning, the Company is moving towards a position of a leader in the Southeast Europe region. Believing in the strength it has within itself, Bekament creates a better tomorrow today.





BEKATHERM | PRODUCTS FOR EXTERNAL
WALLS AND INSULATION

Man has always been searching for protection against natural disasters. This need has evolved over time into a need for comfort. In search of a solution, taking care of nature, we have developed BEKATHERM facade systems that provide long-lasting and reliable protection of business and residential facilities, comfort and warmth that turn a house into a home. The energy efficiency of the BEKATHERM system reduces costs and has a positive impact on the environment. Top quality, ETA certified and mechanical resistance ensure up to 25-year long warranty.

SAFE FROM THE OUTSIDE, WARM INSIDE

BEKATHERM

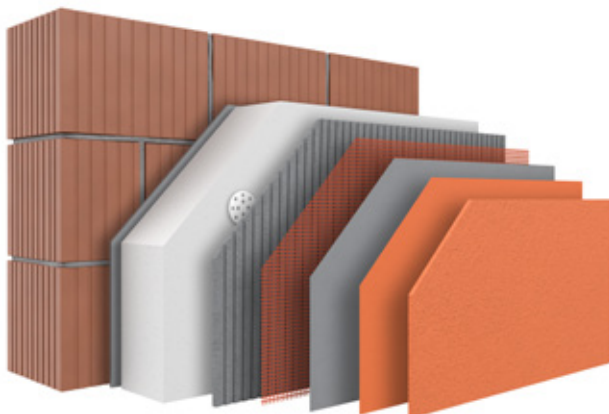
THERMAL INSULATION FACADE SYSTEMS



BEKATHERM | PRODUCTS FOR EXTERNAL WALLS AND INSULATION

BEKATHERM thermal insulation facade systems provide:

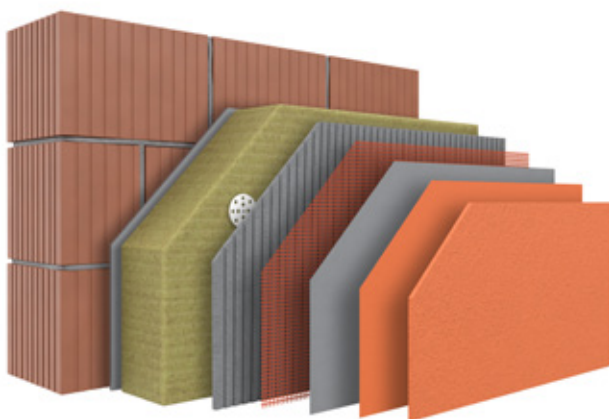
- Interior space comfort;
- Savings on heating and cooling costs;
- Increasing the value of your home/property;
- Elimination of “cold bridges” in places where a concrete structure is placed in the brick wall, which prevents condensation from occurring in these places and, consequently, from the appearance of a mould.



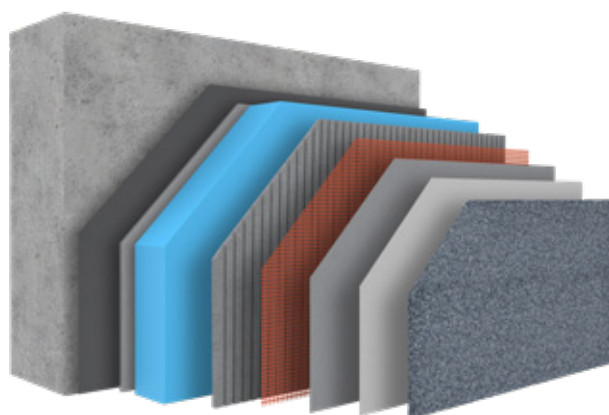
BEKATHERM
Standard White



BEKATHERM
Standard Graphite



BEKATHERM
Prestige



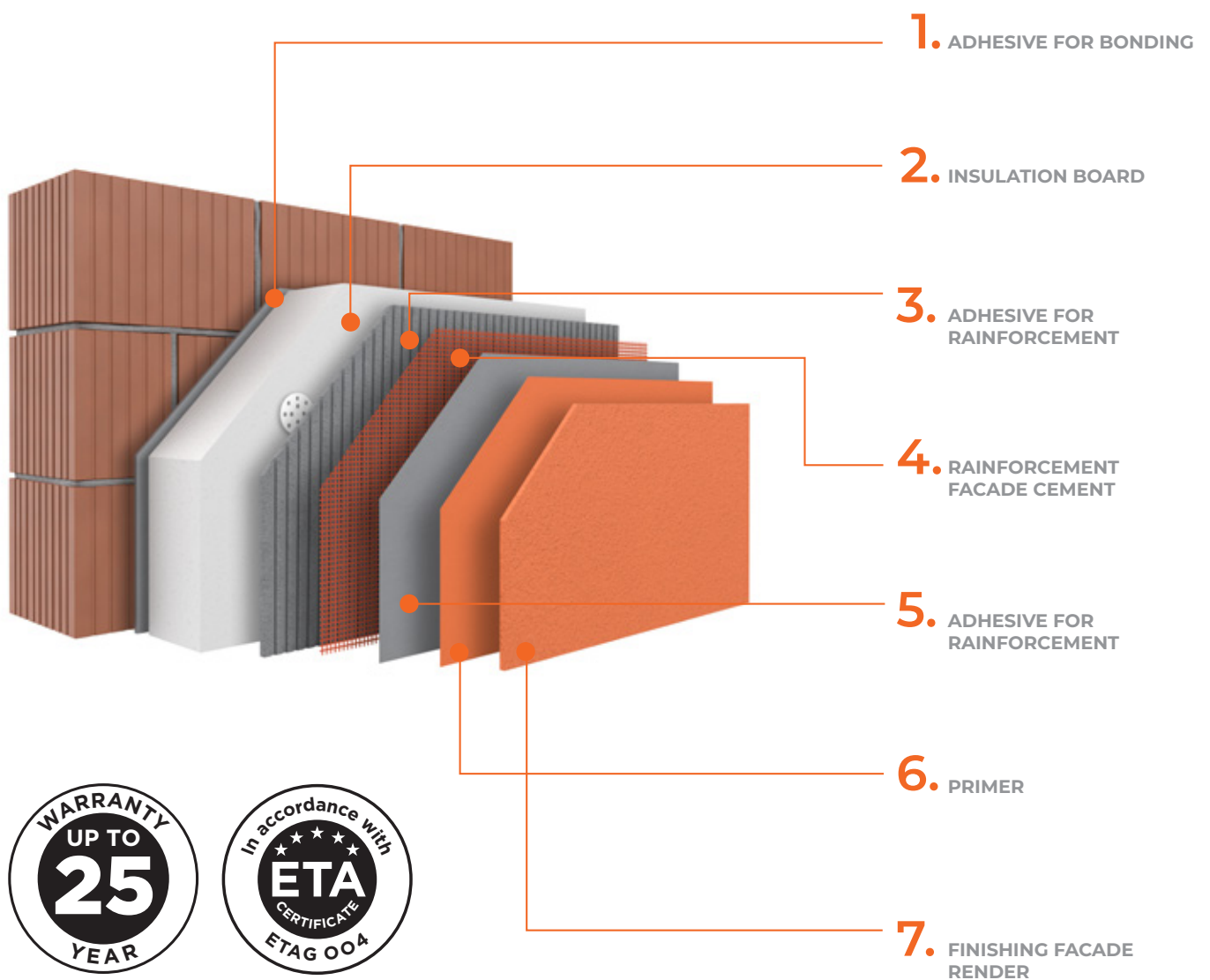
BEKATHERM
Plus

BEKATHERM

Standard White

The BEKATHERM Standard White facade system consists of expanded polystyrene EPS (Styrofoam) insulation board, mineral adhesive for bonding insulation panels and glass (facade) mesh reinforcement, facade mesh, primer and plaster finish. The final appearance of the facade depends on the choice of the structure and the shade of the facade plaster.

- Best-selling facade system
- The most cost effective solution for thermal insulation
- Suitable for all substrates, old and new facilities
- A wide variety of shades of finishing facade plaster
- Resistance to UV radiation and atmospheric influences
- Quick and easy installation
- Exceptional workability
- All components for BEKATHERM Standard White facade systems with 20 and 25-year warranty are ETA certified



BEKATHERM

Standard White

COMPONENTS OF THE FACADE SYSTEM					
Layer	Purpose of Use	Product	Packing	UoM	Consumption per m ²
1.	ADHESIVE FOR BONDING	BK-STIROLFIX BASE Adhesive for bonding EPS boards	25	kg	5-6
		or BK-STIROLFIX WDVS Adhesive for bonding EPS and MW boards and for mesh reinforcement			5-6,5
		or BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement			5-6,5
		or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement			5-6,5
2.	INSULATION BOARD	BEKATHERM EPS F Boards of expanded polystyrene or BEKATHERM EPS F GOLD Boards of expanded polystyrene	1	m ²	1,05
3.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX WDVS Adhesive for bonding EPS and MW boards and for mesh reinforcement	25	kg	5-6
		or BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement			5-7
		or BK-STIROLFIX WHITE White flexible adhesive for mesh reinforcement			5-7
		or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement			5-7
4.	REINFORCEMENT/FACADE MESH	BEKATHERM MESH 145 Facade mesh or BEKATHERM MESH 160 Facade mesh	50	m ²	1,10
5.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX WDVS Adhesive for bonding EPS and MW boards and for mesh reinforcement or BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX WHITE White flexible adhesive for mesh reinforcement or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	**
6.	PRIMER	BK-GRUND UNIVERSAL Universal structural primer or BK-GRUND SILICAT Universal structural primer for silicate render and paints	8; 25	kg	0,20-0,25
7.	FINISHING FACADE RENDER	BK-PLAST Facade render on acrylic basis	25	kg	2,3-3,3 ***
		or BK-SIL Si&Si Facade render on silicate-silicone basis			2,4-3,3 ***
		or BK-SIL Silicone-based facade render			2,3-3,2 ***

Detailed instructions can be found in the product data sheet.

* Depending on the adhesive chosen for bonding and the reinforcement of the finishing render, we provide a 10-, 20- or 25-year warranty for the facade system.

** The amount of reinforcement adhesive is expressed under point 3.

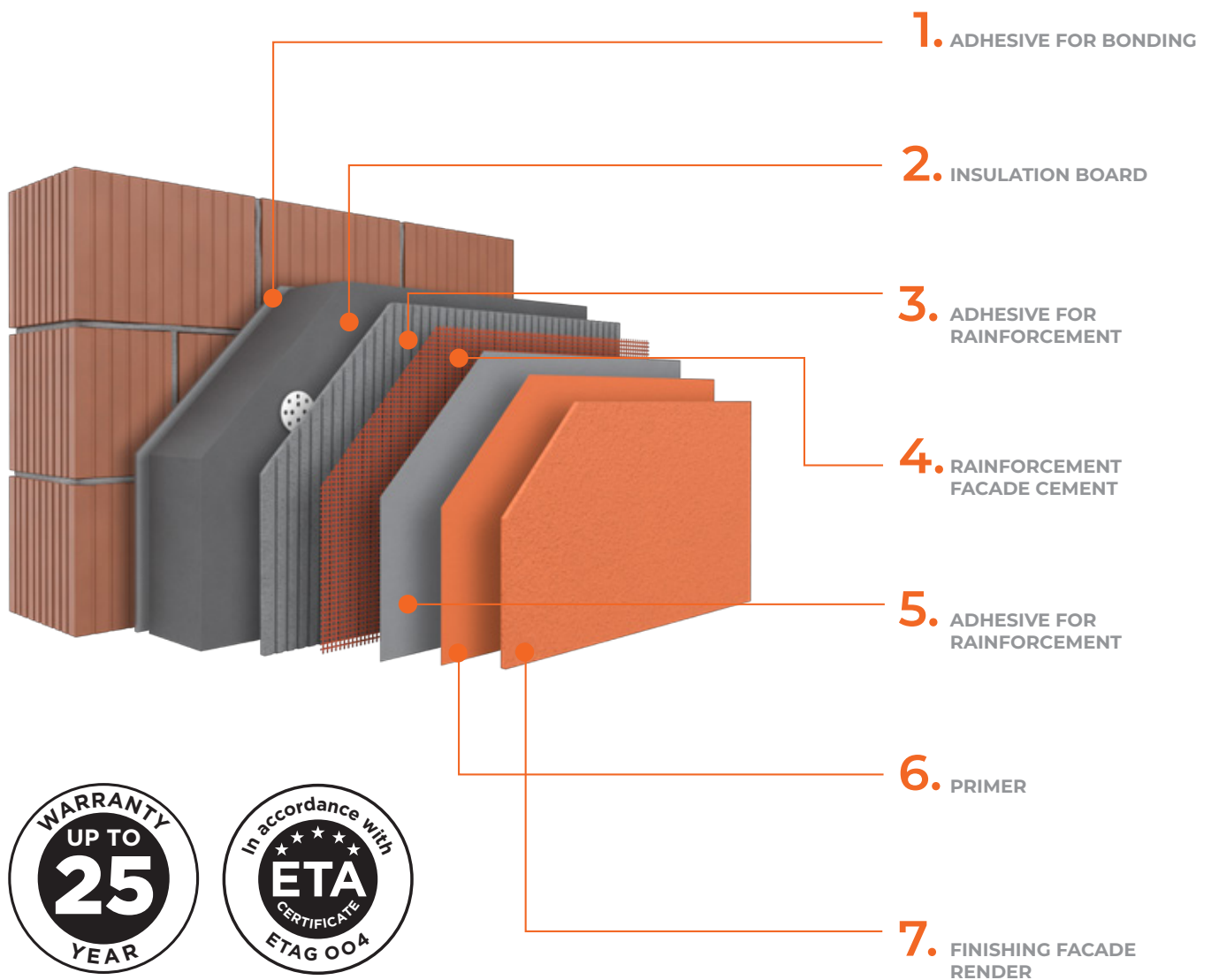
*** Depending on the granulation and structure of the facade plaster.

BEKATHERM

Standard Graphite

The BEKATHERM Standard Graphite facade system consists of expanded polystyrene insulation board enriched with graphite EPS (graphite polystyrene), mineral adhesive for bonding insulating panels and reinforcing glass (facade) mesh, facade mesh, primer and plaster finish. The final appearance of the facade depends on the choice of the structure and the shade of the facade plaster. Insulating boards made of graphite expanded polystyrene (graphite polystyrene) provide 20% better thermal insulation properties than thermal insulation boards with insulating boards made of white expanded polystyrene (polystyrene).

- 20% better thermal insulation performance compared to thermal insulation with white expanded polystyrene (polystyrene) insulation boards
- A wide variety of shades of finishing facade plaster
- Resistance to UV radiation and atmospheric influences
- Excellent water repellence
- All system components are ETA certified
- Exceptional workability
- Easy to install



BEKATHERM

Standard Graphite

COMPONENTS OF THE FACADE SYSTEM					
Layer	Purpose of Use	Product	Packing	UoM	Consumption per m ²
1.	ADHESIVE FOR BONDING	BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	5-6,5
2.	INSULATION BOARD	BEKATHERM EPS GRAFIT Boards of expanded polystyrene	1	m ²	1,05
3.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX WHITE White flexible adhesive for mesh reinforcement or BK-STIROLFIX SPECIAL Rendkívül Flexibile ragasztó az EPS, EPS G , XPE és MW lapok ragasztására és az üvegszövet háló beágyazására	25	kg	5-7
4.	REINFORCEMENT/FACADE MESH	BEKATHERM MESH 145 Facade mesh or BEKATHERM MESH 160 Facade mesh	50	m ²	1,10
5.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX WHITE White flexible adhesive for mesh reinforcement or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	**
6.	PRIMER	BK-GRUND UNIVERSAL Universal structural primer or BK-GRUND SILICAT Universal structural primer for silicate render and paints	8; 25	kg	0,20-0,25
7.	FINISHING FACADE RENDER	BK-PLAST Facade render on acrylic basis or BK-SIL Si&Si Facade render on silicate-silicone basis or BK-SIL Silicone-based facade render	25	kg	2,3-3,3 *** 2,4-3,3 *** 2,3-3,2 ***

Detailed instructions can be found in the product data sheet.

* Depending on the adhesive chosen for bonding and the reinforcement of the finishing render, we provide a 10-, 20- or 25-year warranty for the facade system.

** The amount of reinforcement adhesive is expressed under point 3.

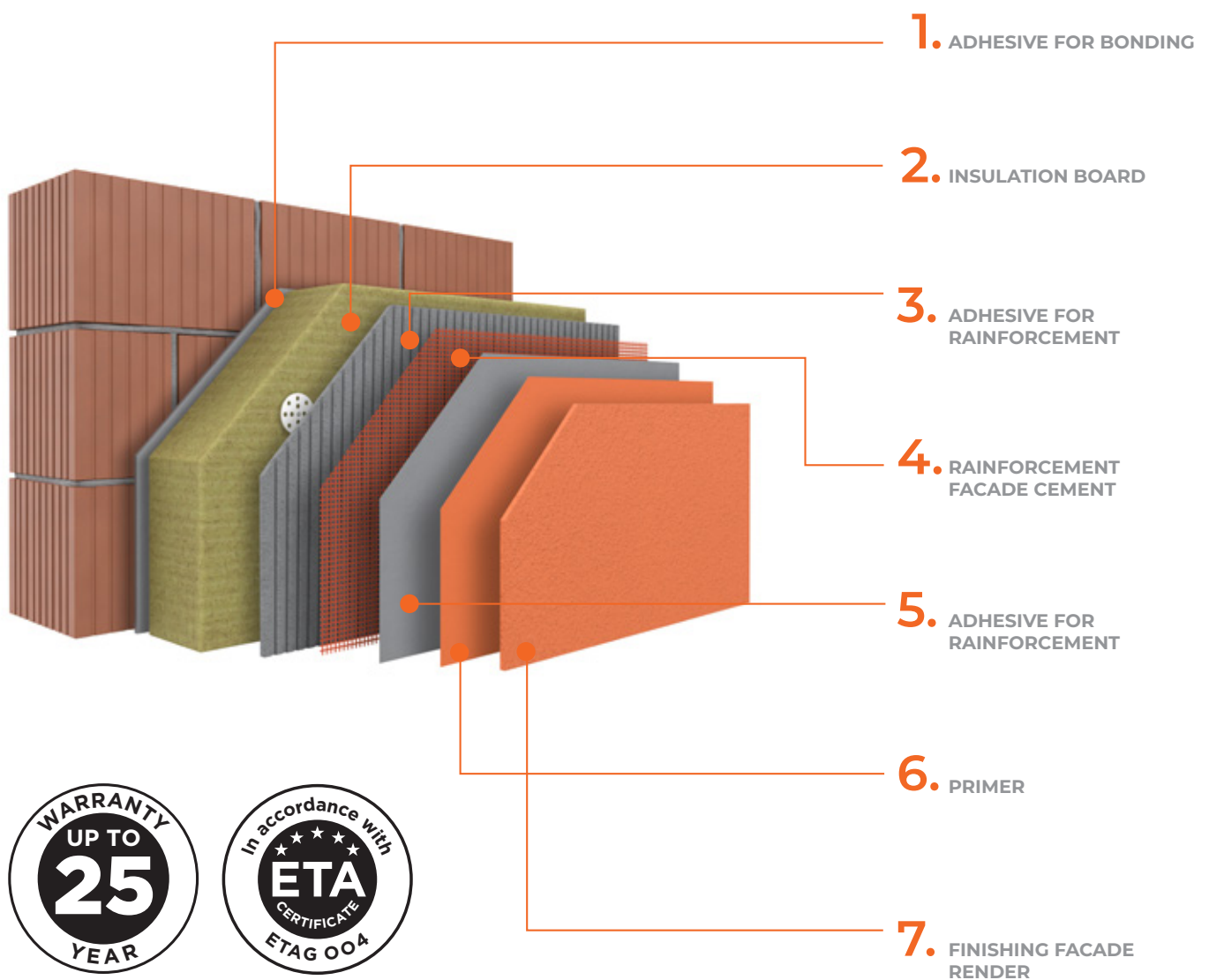
*** Depending on the granulation and structure of the facade plaster.

BEKATHERM

Prestige

BEKATHERM Prestige facade system consists of insulation boards or lamella made of mineral (stone) wool, mineral adhesive for gluing insulating boards and reinforcing glass (facade) mesh, facade mesh, base coating (primer) and finishing facade plaster. The final appearance of the facade depends on the choice of the structure and the shade of the facade plaster. According to EN 13501-1, the BEKATHERM Prestige stone wool facade system belongs to class A2 which means that it is non-combustible.

- Non-combustible
- Excellent vapour permeability
- Excellent sound insulation
- Resistance to UV radiation and atmospheric influences
- All system components are ETA certified
- Exceptional workability
- Depending on the components used, a mineral composition is possible of the finishing layer



BEKATHERM

Prestige

COMPONENTS OF THE FACADE SYSTEM					
Layer	Purpose of Use	Product	Packing	UoM	Consumption per m ²
1.	ADHESIVE FOR BONDING	BK-STIROLFIX WDVS Adhesive for bonding EPS and MW boards and for mesh reinforcement or BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	5-6,5
2.	INSULATION BOARD	ROCK FACADE WOOL	1	m ²	1,05
3.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX WHITE White flexible adhesive for mesh reinforcement or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	5-7
4.	REINFORCEMENT/FACADE MESH	BEKATHERM MESH 160 Facade mesh	50	m ²	1,10
5.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX 1 Flexible adhesive for bonding EPS, EPS G and MW boards and for mesh reinforcement or BK-STIROLFIX WHITE White flexible adhesive for mesh reinforcement or BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	**
6.	PRIMER	BK-GRUND UNIVERSAL Universal structural primer or BK-GRUND SILICAT Universal structural primer for silicate render and paints	8; 25	kg	0,20-0,25
7.	FINISHING FACADE RENDER	BK-S PLAST Silicate-based facade render or BK-SIL Si&Si Facade render on silicate-silicone basis or BK-SIL Silicone-based facade render	25	kg	2,4-3,3 *** 2,4-3,3 *** 2,3-3,2 ***

Detailed instructions can be found in the product data sheet.

* Depending on the adhesive chosen for bonding and the reinforcement of the finishing render, we provide a 10-, 20- or 25-year warranty for the facade system.

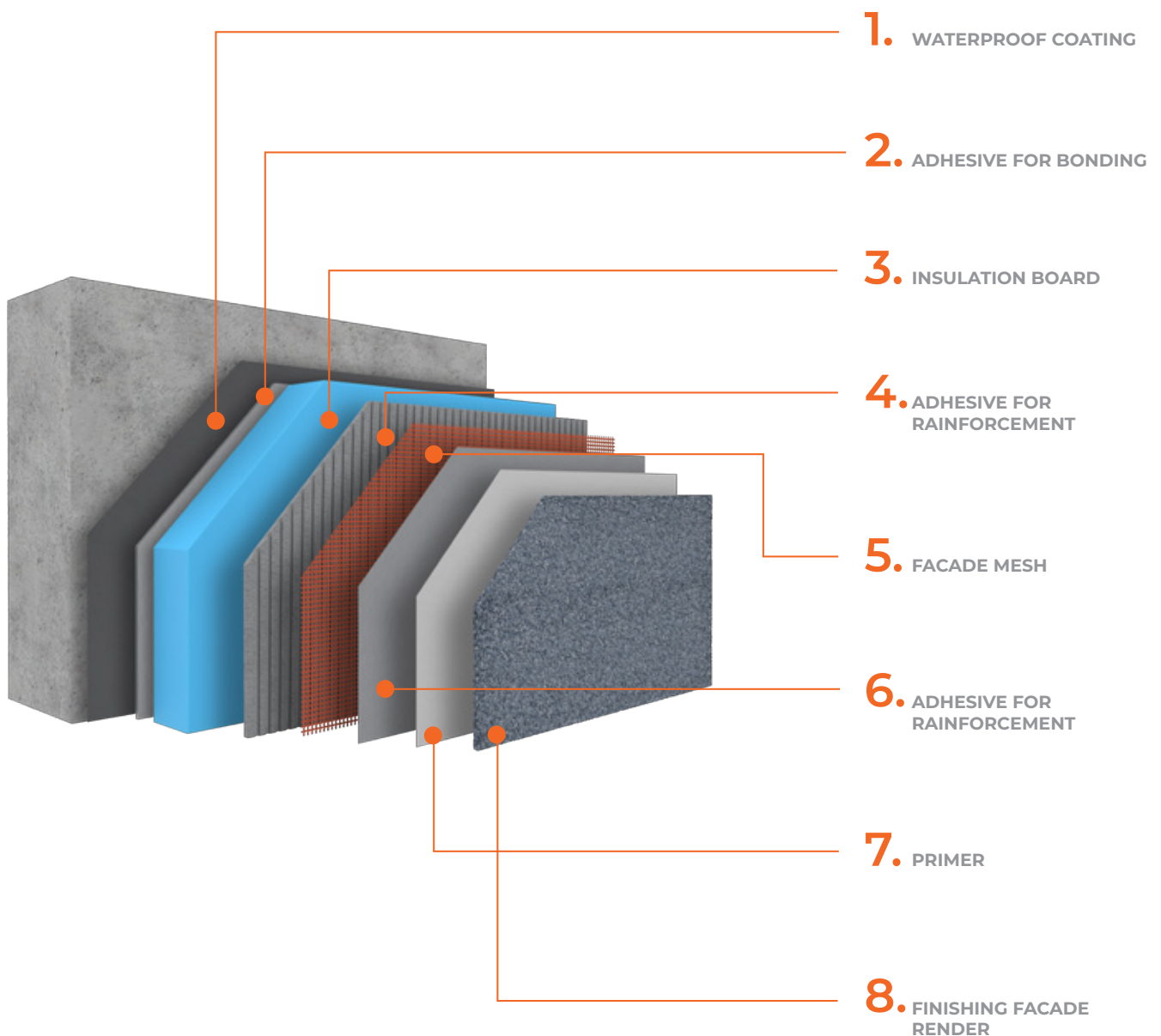
** The amount of reinforcement adhesive is expressed under point 3.

*** Depending on the granulation and structure of the facade plaster.

BEKATHERM Plus

The BEKATHERM Plus system for skirting consists of insulation boards made of extruded polystyrene (polystyrene), mineral adhesive for gluing insulation panels and reinforcing glass (facade) mesh, facade mesh, primer (grund) and mosaic finishing.

- Resistant to mechanical shock
- Exceptional water repellence
- Resistance to UV radiation and atmospheric influences
- Can be washed with water



BEKATHERM Plus

COMPONENTS OF THE FACADE SYSTEM					
Layer	Purpose of Use	Product	Packing	UoM	Consumption per m ²
1.	WATERPROOF COATING	BK-HIDROSTOP 2 - HYDRO category Two-component waterproof coating	20+5	kg	1,5***
2.	ADHESIVE FOR BONDING	BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	5-6,5
3.	INSULATION BOARD	BK-DUR XPS Boards of extruded polystyrene	1	m ²	1,05
4.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	5-7
5.	REINFORCEMENT/FACADE MESH	BEKATHERM MESH 160 Facade mesh	50	m ²	1,10
6.	ADHESIVE FOR REINFORCEMENT	BK-STIROLFIX SPECIAL Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement	25	kg	**
7.	PRIMER	BK-GRUND UNIVERSAL Universal structural primer	8; 25	kg	0,20-0,25
8.	FINISHING FACADE RENDER	BK-KUL Mosaic facade render	25	kg	5

Detailed instructions can be found in the product data sheet.

* Depending on the adhesive chosen for bonding and the reinforcement of the finishing render, we provide a 10-, 20- or 25-year warranty for the facade system.

** The amount of reinforcement adhesive is expressed under point 3.

*** Depending on the granulation and structure of the facade plaster.



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WALLS AND INSULATION



SAFE FROM THE OUTSIDE, WARM INSIDE

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PRODUCTS FOR EXTERIOR WALLS



BK-Grund Universal

Universal structural primer



Use: Universal structural primer designed to provide uniformity, neutralization, hardening and waterproofing of the substrate before applying all types of facade paints and decorative renders, except silicate paints/renders. It is advisable to tint the BK-Grund Universal primer in the same shade as the finish.

Preparation and application: The substrate to which BK-Grund Universal is applied must be solid, clean, dry and free of oil. BK-Grund Universal primer should be mixed and diluted with 15-20 % of water before use. Apply the diluted primer to the wall with a long-hair roller or brush, in one coat. If necessary, in case of old, highly absorbent surfaces, it is possible to apply the primer twice in 2-3 hours. The time required for drying until applying the finishing coat is 12 hours. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 0.2-0.25 kg/m² depending on absorbency and roughness of the surface.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 8; 25kg



For facade plasters and paints



Reduces absorbency surface-strengthening



Improves adhesion



Extends processing time

BK-Acryl

Structural primer for acrylic renders and paints



Use: Acrylic structural primer designed to provide uniformity, neutralization, hardening and waterproofing of the substrate before applying acrylic facade paints and decorative renders. It is advisable to tint the BK-Acryl primer in the same shade as the finish.

Preparation and application: The substrate to which BK-Acryl is applied must be solid, clean, dry and free of oil. BK-Acryl primer should be mixed and diluted with 15-20 % of water before use. Apply the diluted primer to the wall with a long-hair roller or brush, in one coat. The time required for drying until applying the finishing coat is 12 hours. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 0.2-0.25 kg/m² depending on absorbency and roughness of the surface.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 8; 25 kg



For facade plasters and paints



Reduces absorbency surface-strengthening



Improves adhesion



Extends processing time

BK-Ultra Prime

Universal primer



Indoor/Outdoor use



High dust-binding



Improves adhesion



Extends the processing time

Use: Universal transparent primer for outdoor and indoor use, which is used as a base coat before applying dispersion paints and skimming compound, before installing ceramic tiles and bonding thermal insulation boards, etc. The BK-Ultra Prime primer improves adhesion, evens absorption, binds dust particles and provides a uniform finish when painting.

Preparation and application: The substrate on which the BK-Ultra Prime is applied must be load-bearing, solid, dust-free, dry, free of oil residues and poorly bonded coats. The BK-Ultra Prime primer is ready for use and does not need to be thinned. The product should be mixed well before use. Apply the primer evenly to wall with a long-hair roller, brush or by spraying in one coat. Drying time to application of the finishing coat is 4 h under normal conditions (23°C and 50-60% of r. h.). See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 0,12 - 0,20 l/m², depending on absorption and roughness of the substrate.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 10 l

BK-Grund Silicat

Structural primer for silicate renders and paints



Use: Structural silicate primer for coating the lime, lime-cement and cement surfaces in order to provide uniformity, neutralization and hardening of the substrate before applying silicate paints and silicate decorative renders. It is advisable to tint the BK-GrundSilicat primer in the same shade as the finish. Can be used both in exteriors and interiors.

Preparation and application: The substrate to which BK-Grund Silicat is applied must be solid, clean, dry and free of oil. BK-Grund Silicat primer should be mixed and diluted with approximately 15% of water before use. It is applied with a long-hair roller or brush in one coat. The time required for drying until applying the finishing coat is at least 12 hours. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C, relative humidity not exceeding 70%. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 0.2-0.25 kg/m² depending on absorbency and roughness of the wall surface.

Shelf life and storage: 12 months in original sealed packing. Store at temperatures from +5°C to 25°C, protected from direct sunlight and frost.

Package: 8; 25 kg



Indoor/Outdoor use



Reduces absorbency surface-strengthening



Improves adhesion



BK- Penetrat

Highly penetrating primer for poorly bonded surfaces

Use: A deep-penetrating, vapor-permeable coating designed for the impregnation, equalization and fixation of all types of mineral exterior and interior substrates. It is used with absorbent, poorly bonded surfaces, prior to application of subsequent coats to improve adhesion. Due to its nanoparticles, it has the ability to penetrate extremely well, so it is well suited for the restoration and rehabilitation of cultural monuments and historic old buildings, when it is necessary to further bond and strengthen dipapidated and damaged surface renders.

Preparation and application: The substrate to which BK-Penetrat is applied must be clean, dry, free of oil residues and old coatings. Before application, loosely bonded parts should be removed as far as possible. Before use, dilute BK-Penetrat with water in ratio 1: 3 and mix well. For good penetration it is essential to follow the dilution instructions. Apply with a long-hair brush, long-hair roller or by spraying. With very old, absorbent surfaces, apply the primer twice using the wet-to-wet principle. Drying time minimum 24 h. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +25°C. Do not work under direct sunlight, rain or strong wind.

Consumption: 0,05-0,08 l/m², depending on absorbency and roughness of the surface.

Shelf life and storage: 12 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 1; 5l



Indoor/Outdoor use



Reduces absorbency surface-strengthening



For highly absorbent substrates



For restoration of cultural heritage

BK-MicroGrund Universal

Universal microfiber structural primer

Use: Universal microfiber structural primer designed to provide uniformity, neutralization, hardening and waterproofing of the substrate before applying all types of facade paints and decorative renders, except silicate paints/renders. It is suitable for filling fine cracks and further reinforcing the substrate. It is most commonly used in combination with BK-MicroFas Acryl and BK-MicroFas Silicon.

Preparation and application: The substrate to which BK-MicroGrund Universal is applied must be solid, clean, dry and free of oil. BK-MicroGrund Universal primer should be mixed and diluted with 10-15% of water before use. Apply the diluted primer to the wall with a long-hair roller in two coats, with crossed movements. Drying time between applications should be min. 4h. It is necessary to work evenly with the "full roller" so that the coated surface is crossed by the roller several times in different directions to avoid grouping the filler in one place. The time required for drying until applying the finishing coat is 24 hours. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 0.2-0.3 kg/m² depending on absorbency and roughness of the surface.

Shelf life and storage: Up to 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 8; 25 kg



Excellent workability



Bridging fine cracks



With microfibers



Flexible



Excellent workability

High vapor
permeability

Fiber reinforced

BK-StirolFix 1

Flexible adhesive for bonding EPS, EPS G and MW boards and mesh reinforcement

Use: Mineral flexible adhesive intended for bonding styrofoam (EPS boards), graphite styrofoam, EPS G boards as well as mineral wool boards (MW boards) to solid facade surfaces, as well as for embedding the reinforcement mesh and for leveling the entire facade surface. BK-StirolFix 1 is used as an adhesive for bonding and as a base coat, i.e. adhesive for reinforcement within both BEKATHERM thermal insulation systems (BEKATHERM Standard system with EPS thermal insulation boards and BEKATHERM Prestige with MW boards).

Preparation and application: The substrate to which the adhesive is applied must be solid, clean, durable, free from efflorescence, oil residues or paint. Smooth, poorly absorbent concretes, with residual dirt from the formwork, must be cleaned by hot water jet and then primed with BK-Beton Kontakt. It is not necessary to apply a primer on new brick walls. In the case of bonding the panels to the walls of aerated concrete, coating with BK-Nivelator is recommended in accordance with the instruction manual. The preparation is performed by adding the powder in about 26-28% of water until complete homogenization. Leave the mass to rest for about 10 minutes and then stir again to obtain an adhesive of appropriate density. The prepared adhesive is applied to thermal insulation boards (along the entire perimeter of the board and dotted in the middle), and then the boards are bonded on substrate by pressing. When reinforcing, the adhesive is applied with a serrated steel trowel (tooth size 8-10 mm) on dedusted styrofoam surface, and then the reinforced mesh is pressed into such adhesive from down upwards (min. 10 cm of overlap between the mesh strips). After drying, the entire surface is leveled with a new layer of adhesive, so that the total thickness of the final layer of adhesive is 4-5 mm. The adhesive should be protected from premature drying and freezing. When bonding MW boards, the entire surface of the board must be coated with a thin layer of adhesive. The adhesive is then applied over the entire perimeter of the MW board with the addition of three points in the middle. In further work, follow the same rules mentioned in the section on EPS boards bonding. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. High humidity and low temperatures can extend the drying time of the adhesive.

Consumption: About 5-6.5 kg/m² for bonding and about 5-7 kg/m² for reinforcement.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg





BK-StirolFix WDVS

Adhesive for bonding EPS and MW boards and embedding reinforcement mesh



Use: For bonding styrofoam thermal insulation boards to solid facade surfaces, embedding reinforcement mesh and leveling the entire facade surface, as well as for bonding mineral wool boards. BK-StirolFix WDVS is used as an adhesive for bonding EPS boards within the Bekatherm Standard, that is, for bonding MW boards within the Bekatherm Prestige thermal insulation system.

Preparation and application: The substrate to which the adhesive is applied must be solid, clean, durable, free from efflorescence, oil residues or paint. The preparation is performed by adding the powder in about 26-28% of water until complete homogenization. Leave the mass to rest for about 10 minutes and then stir again to obtain an adhesive of appropriate density. The prepared adhesive is applied to thermal insulation boards (along the entire perimeter of the board and dotted in the middle in the form of so-called doughs of adhesive, with approximate diameter of 10cm), and then the boards are bonded on substrate by pressing. When reinforcing, the adhesive is applied with a serrated steel trowel (tooth size 8-10mm) on dedusted styrofoam surface, and then the reinforced mesh is pressed into such adhesive from down upwards (min. 10 cm of overlap between the mesh strips). After drying, the entire surface is leveled with a new layer of adhesive, so that the total thickness of the final layer of adhesive is 4-5 mm. The adhesive should be protected from premature drying and freezing. When bonding MW boards, the entire surface of the board must be coated with a thin layer of adhesive. The adhesive is then applied over the entire perimeter of the MW board with the addition of three application points in the middle, in the form of so-called adhesive doughs, approximately 15 cm in diameter. In further work, follow the same rules mentioned in the section on EPS boards bonding. Possibility of inserting the facade mesh after min. 48 hours. Possibility of applying top coats after a minimum of 7 days. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. High humidity and low temperatures can extend the drying time of the adhesive.

Consumption: About 5-6,5 kg/m² for bonding and about 5-6 kg/m² for reinforcement.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg



Excellent workability



Good adhesion to different surface types



Quick hardening



BK-StirolFix Special

Highly flexible adhesive for bonding EPS, EPS G, XPS and MW boards and mesh reinforcement



Use: Mineral, highly flexible polymer-cement adhesive for bonding expanded (EPS) and extruded (XPS) polystyrene boards, for bonding graphite styrofoam and mineral wool (MW) boards, to various mineral substrates, as well as for embedding reinforcement mesh and leveling the entire facade surface. BK-StirolFix Special is used as an adhesive for bonding and as a base coat, i.e. adhesive for reinforcement within the Bekatherm Prestige thermal insulation system.

Preparation and application: The substrate to which the adhesive is applied must be solid, clean, durable, free from efflorescence, oil residues. Smooth low-absorbent concrete, with residual dirt from the formwork, should be coated with BK-Beton Kontakt one day before bonding the boards. It is not necessary to apply a primer on new brick walls. In the case of bonding the panels to the walls of aerated concrete, coating with BK-Nivelator is recommended in accordance with the instruction manual. The preparation is performed by adding the powder in about 26-28% of water until complete homogenization. Leave the mass to rest for about 10 minutes and then stir again to obtain an adhesive of appropriate density. The prepared adhesive is applied to thermal insulation boards (along the entire perimeter of the board with the addition of three application points in the middle), and then the boards are bonded on the substrate by pressing. After min. 48 h perform anchoring with fasteners with a metal core, which is a mandatory step when using the system with MW. After anchoring, a very thin layer of adhesive should be applied on the entire surface of the board with a drying time of about 4 hours. When embedding the reinforcement mesh, the adhesive is applied on the entire surface of the board with a serrated trowel (tooth depth 8-10 mm). The reinforcement mesh (min. 10 cm of overlap between strips) is embedded into freshly applied adhesive. After drying, the entire surface is leveled with a new layer of adhesive. The total thickness of the adhesive finish should be 5-6 mm. The adhesive should be protected from premature drying and freezing. When bonding MW boards, the entire surface of the board should be coated with a thin layer of adhesive or at least the parts to which adhesive is applied. The adhesive is then applied over the entire perimeter of the MW board with the addition of three points in the middle. In further work, follow the same rules mentioned in the section on EPS boards bonding. Possibility of inserting the facade mesh after min. 48 hours. Possibility of applying top coats after a minimum of 7 days. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. High humidity and low temperatures can extend the drying time of the adhesive.

Consumption: About 5-6.5 kg for bonding and about 5-7 kg for reinforcement.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg



Highly flexible



Fiber reinforced



Good vapor permeability



Excellent workability



BK-StirolFix Base

Adhesive for bonding EPS boards



Use: Cement based adhesive intended only for bonding EPS boards, on various mineral substrates. The product is not intended for reinforcement mesh embedding or leveling the entire facade surface. The product is used as a component for bonding EPS boards within the BEKATHERM Standard thermal insulation system.

Preparation and application: The substrate to which the adhesive is applied must be solid, clean, free from efflorescence, oil residues or paint. Smooth, poorly absorbent concretes, with residual dirt from the formwork, must be cleaned by hot water jet and then primed with BK-BetonKontakt one day before bonding EPS boards. It is not necessary to apply a primer on new brick walls. In the case of bonding the panels to the walls of aerated concrete, coating with BK-Nivelator is recommended in accordance with the instruction manual. The preparation is performed by adding the powder in about 26-28% of water until complete homogenization. Leave the mass to rest for about 10 minutes and then stir again to obtain an adhesive of appropriate density, without lumps. The prepared adhesive for bonding is applied over the entire perimeter of the EPS board with the addition of three application points in the middle of the board, in the form of the so-called doughs, approximately 10 cm in diameter. The strips around the perimeter of the board should be applied in a width of min. 5 cm and thickness of 1.5-2.0 cm. After min. 2 days of drying it is possible to anchor the boards, which is necessary within the system using the BK-StirolFix Base adhesive. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. High humidity and low temperatures can extend the drying time of the adhesive.

Consumption: 5-6 kg/m² for bonding styrofoam boards.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg



Good workability



Good adhesion to different surface types



Cost efficient



BK-StirolFix White

White flexible adhesive for embedding reinforcement mesh

Use: White cement based mineral adhesive designed for embedding the reinforcement mesh and leveling the entire facade surface. BK-StirolFix White is used as a base coat, i.e. adhesive for reinforcement within the Bekatherm Standard thermal insulation system. BK-StirolFix White can also be used for bonding EPS and MW thermal insulation boards.

Preparation and application: The preparation is performed by adding the powder in about 26-28% of water until complete homogenization. Leave the mass to rest for about 10 minutes and then stir again to obtain an adhesive of appropriate density. The prepared adhesive is applied to thermal insulation boards (dotted in the middle and in the form of strips along the edges), and then the boards are bonded to the substrate by lightly pressing. When embedding reinforcement mesh, the adhesive is applied with a serrated steel trowel (tooth size 8-10 mm) on the dedusted styrofoam surface. The reinforcement mesh (min. 10 cm of overlap between strips) is pressed into such freshly applied adhesive from down upwards. After drying, the entire surface is leveled with a new layer of adhesive, so that the total thickness of the final layer of adhesive is 4-5 mm. The adhesive should be protected from premature drying and freezing. Possibility of inserting the facade mesh after min. 48 hours. Possibility of applying top coats after a minimum of 7 days. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. High humidity and low temperatures can extend the drying time of the adhesive.

Consumption: About 5-6.5 kg/m² for bonding and about 5-7 kg/m² for reinforcement.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg



Flexible



Excellent workability



High vapor permeability



Fiber reinforced

BK-Plast

Acrylic based facade render



Use: Thin-layer decorative render, in the form of paste, made of high-quality acrylic emulsion, intended for the protection of facade wall surfaces. It is characterized by good adhesion to the substrate, excellent workability, high strength and water repellency.

Preparation and application: The substrate to which the render is applied must be solid, clean, dry and coated with BK-Acryl primer or BK-Grund Universal primer. Mix BK-Plast before application and if necessary dilute with a small amount of water ~ 1%. The render is applied with a steel trowel with thickness of the largest grain. Depending on the desired structure, the render is then processed with a plastic trowel, namely: Full structure – structured in a circular pattern immediately after application; Reib structure – after application scratch by circular motions until the desired structure is achieved. It is necessary to work evenly and without interruption on continuous wall surfaces. It is necessary to equalize the material required for the continuous facade surface by mixing the contents of multiple bins. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. The facade must be adequately protected with mesh. High humidity and low temperatures can significantly extend the render bonding time.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 25 kg



Excellent workability



Excellent water repellent



UV resistant



Wide range of shades

PRODUCT GRANULATION Grain size mm	SCRAPECD-RILLE (reib) structure Approx. consumption kg/m ²	FULL (full -kratz) structure Approx. consumption kg/m ²
Especially fine grain 1,0	/	2,3
Fine grain 1,5	2,4	2,8
Medium fine grain 2,0	2,7	3,3

BK-Sil

Silicone-based facade render



Use: High quality silicone decorative render in form of paste, good vapor permeability, exceptional workability, water repellency and resistance to UV radiation and atmospheric influences. Possible to tint in more than 1300 shades.

Preparation and application: The substrate to which the render is applied must be solid, clean, dry and coated with BK-Grund Universal primer. Mix BK-Sil before application and if necessary dilute with a small amount of water up to 1%. The render is applied with a steel trowel with thickness of the largest grain. Depending on the desired structure, the render is then processed with a plastic trowel, namely: Full structure – structured in a circular pattern immediately after application; Reib structure – after application scratch by circular motions until the desired structure is achieved. It is necessary to work evenly and without interruption on continuous wall surfaces. It is necessary to equalize the material required for the continuous facade surface by mixing the contents of multiple bins See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. The facade must be adequately protected with mesh. High humidity and low temperatures can significantly extend the render bonding time.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 25 kg



Excellent workability



Good vapor permeability



Resistant to dirt pickup



UV resistant



Excellent water repellent

PRODUCT GRANULATION Grain size mm	SCRAPECD-RILLE (reib) structure Approx. consumption kg/m ²	FULL (full -kratz) structure Approx. consumption kg/m ²
Especially fine grain 1,0	/	2,5
Fine grain 1,5	2,3	2,8
Medium fine grain 2,0	2,8	3,2

BK-Sil Si&Si

Silicate-silicone-based facade render



Use: High quality silicate decorative render in the form of paste, featured by high strength, excellent workability and good vapor permeability with silicone additives to increase water repellency. It is resistant to UV rays and atmospheric influences. Due to its characteristics, it is recommended for the restoration of old buildings and for the protection of cultural monuments. Possible to tint in more than 1300 shades.

Preparation and application: The substrate to which the render is applied must be solid, clean, dry and coated with BK-Grund Silicat primer. Mix BK-Sil Si&Si before application and if necessary dilute with a small amount of water up to 1%. The render is applied with a steel trowel with thickness of the largest grain. Depending on the desired structure, the render is then processed with a plastic trowel, namely: Full structure – structured in a circular pattern immediately after application; Reib structure – after application scratch by circular motions until the desired structure is achieved. It is necessary to work evenly and without interruption on continuous wall surfaces. It is necessary to equalize the material required for the continuous facade surface by mixing the contents of multiple bins. See product datasheet for more detailed instructions.

Application temperature: From +15°C to +30°C, relative humidity max. 70 %. Do not work under direct sunlight, rain or strong wind. The facade must be adequately protected with mesh. High humidity and low temperatures can significantly extend the render bonding time.

Shelf life and storage: 12 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frosts

Package: 25 kg



Excellent workability



Good vapor permeability



UV resistant



For restoration of cultural heritage

PRODUCT GRANULATION Grain size mm	SCRATCHECD-RILLE (reib) structure Approx. consumption kg/m²	FULL (full -kratz) structure Approx. consumption kg/m²
Especially fine grain 1,0	/	2,4
Fine grain 1,5	2,6	2,8
Medium fine grain 2,0	3,0	3,3

BK-S Plast

Silicate-based facade render



Use: Thin-layer silicate decorative render in the form of paste intended for protection of facade wall surfaces. It is characterized by good adhesion to the substrate, excellent workability, high strength, non-combustibility and good vapor permeability. It is resistant to UV rays and atmospheric influences. Due to its characteristics, it is recommended for the restoration of old buildings and for the protection of cultural monuments. Possible to tint in more than 1300 shades.

Preparation and application: The substrate to which the render is applied must be solid, clean, dry and coated with BK-GrundSilicat primer. Mix BK-S Plast before application and if necessary dilute with a small amount of water (1-2 %). The render is applied with a steel trowel with thickness of the largest grain. Depending on the desired structure, the render is then processed with a plastic trowel, namely: Full structure – structured in a circular pattern immediately after application; Reib structure – after application scratch by circular motions until the desired structure is achieved. It is necessary to work evenly and without interruption on continuous wall surfaces. It is necessary to equalize the material required for the continuous facade surface by mixing the contents of multiple bins. See product datasheet for more detailed instructions.

Application temperature: From +15°C to +30°C, relative humidity max. 70 %. Do not work under direct sunlight, rain or strong wind. The facade must be adequately protected with mesh. High humidity and low temperatures can significantly extend the render bonding time.

Shelf life and storage: 12 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost

Package: 25 kg



Excellent workability



Good vapor permeability



UV resistant



For restoration of cultural heritage

PRODUCT GRANULATION Grain size mm	SCRATCHECD-RILLE (reib) structure Approx. consumption kg/m²	FULL (full -kratz) structure Approx. consumption kg/m²
Especially fine grain 1,0	/	2,4
Fine grain 1,5	2,6	2,8
Medium fine grain 2,0	3,0	3,3



High resistant to mechanical damage



High water repellent



Easy to keep clean



UV resistant

BK-Kul

Mosaic facade render

Use: Decorative multicolored grain mosaic render for permanent protection of facade surfaces. It features exceptional strength, water repellency and weather resistance. Granulation (grain size): 1,5mm

Preparation and application: The surface to which render is applied must be solid, clean and dry, with no loose parts, free of oil stains and similar. Substrate should be coated with BK-Acryl or BK-Grund Universal primer before application. Primer drying time before applying render should be at least 12 h. Stir the BK-Kul before application to make the compound foamy and if necessary dilute with a small amount of water (up to 1%). Mix the material by pouring it from one to another bin, manually or by electric stirrer at low speed. The render is applied with a steel trowel from the bottom upwards in the thickness of 2-2.5 mm. The applied layer should be well aligned to eliminate visible gaps between marble grains. It is necessary to work evenly and without interruption on continuous wall surfaces. It is not intended for installation on facade surfaces within thermal insulation systems. Restrict application to details (plinths, pillars and other minor unrelated surfaces). See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind. High humidity and low temperatures can significantly extend the render bonding time.

Anygszükséglet: Approx. 5 kg/m².

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 8; 25 kg



Excellent workability



High vapor permeability



High strenght



Mould and algae resistant

BK-Briv Special

Facade mineral render



Use: Mineral thin-layer decorative render on lime-cement substrate, intended for protection and decoration of exterior facade surfaces

Preparation and application: The surface to which render is applied must be solid, clean and dry, with no loose parts, free of oil stains and similar. Before applying the render, the substrate must be coated with BK-Grund Universal. In the case of highly absorbent substrates, coating with BK-Nivelator is recommended, while in the case of weak and scaling substrates the surface must be coated with BK-Penetrat before applying the render. Preparation is performed by adding the powder to about 24-26% of water while stirring vigorously until complete homogenization; leave the mass to rest for 10 min, then stir once more. The render is applied with a steel trowel with thickness of the largest grain. Depending on the desired structure, the render is then processed with a plastic trowel, namely: Full (full-kratz) structure – structured in a circular pattern immediately after application, Reib (scratched-rille) structure – after application scratch by circular motions until the desired structure is achieved. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg

PRODUCT GRANULATION Grain size mm	SCRATCHECD-RILLE (reib) structure Approx. consumption kg/m ²	FULL (full -kratz) structure Approx. consumption kg/m ²
Especially fine grain 1,0	/	2,5
Fine grain 1,5	2,5	3,0
Medium fine grain 2,0	3,0	3,5



BK-Banjalit

Facade mineral render - "Oak bark"

Use: Mineral thin-layerlime-cement-basedrender, intended for all leveled substrates of lime-cement and cement mortars, for outdoor and indoor use. It is characterized by a relief structure similar to an oak bark.

Preparation and application: The surface to which render is applied must be solid, clean and dry, with no loose parts, free of oil stains and similar. Before applying the render, the substrate must be coated with BK-Grund Universal. In the case of highly absorbent substrates, coating with BK-Nivelator is recommended, while in the case of weak and scaling substrates the surface must be coated with BK-Penetrat before applying the render. Preparation is performed by adding about 28% of water while stirring vigorously until complete homogenization; leave the mass to rest for 10 min, then stir once more. The render is applied with a steel trowel and the finishing is usually performed by scratching the surface with a piece of Styrofoam. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approx. 2.7-3.3 kg/m².

Shelf life and storage: 12 months in original packaging in dry room on pallets

Package: 25 kg



High vapor permeability



High strenght



Mould and algae resistant



BK-Terofa

Facade mineral render for spraying the walls

Use: Mineral thin-layerlime-cement-based render with the characteristic structure of the sprayed render. Suitable for all lime-cement and cement mortars substrates, for outdoor and indoor use.

Preparation and application: The surface to which render is applied must be solid, clean and dry, with no loose parts, free of oil stains and similar. Before applying the render, the substrate must be coated with BK-Grund Universal. In the case of highly absorbent substrates, coating with BK-Nivelator is recommended, while in the case of weak and scaling substrates the surface must be coated with BK-Penetrat before applying the render. Primer drying time before applying render should be at least 12 h. Preparation is performed by adding about 28% of water while stirring vigorously until complete homogenization; leave the mass to rest for 10 min, then stir once more. The mass is applied by spraying in two coats, using a facade sprayer, covering the entire surface. The second coat is applied after partial drying of the previous coat. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approx. 3.0-4.0 kg/m², depending on the desired structure and quality of the substrate.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 25 kg



Outdoor use



High vapor permeability



High strenght



Mould and algae resistant

BK-GletEx S

Exterior wall leveling compound



Outdoor use



Fiber reinforced



Manual application

Use: Micro-reinforced mineral-based powder product for thin-layered leveling of exterior walls. Used for manual application up to a maximum thickness of 5 mm.

Preparation and application: The substrate to which BK-GletEx S is applied, must be solid, clean and dry, without loosely bonded parts, grease stains, etc. In case of application to high-quality mineral surfaces as well as to well-absorbed dispersion paints, the substrate must be previously coated with BK-Ultra Prime in order to achieve better adhesion of the skim coat. In case of highly absorbent surfaces, impregnation with BK-Nivelator can be performed. In case of peeled off, worn and/or dusty surfaces, all loosely bonded layers must be removed and then impregnated with BK-Penetrat. The preparation of the compound is done by adding the powder in about 40% of water to achieve a homogeneous mixture, without lumps. Allow the mixture to rest for 10 minutes and stir once more before application. The compound is usually applied in two layers, by hand, with a metal trowel, with a total thickness of up to 5 mm. The second layer is applied after complete drying of the first one, and after each layer the possible folds should be processed with sandpaper, with grain size 80-180 depending on the technique and purpose. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 1.5-2.5 kg/m² depending on roughness of the surface.

Shelf life and storage: 12 months in original packaging in dry room on pallets.

Package: 5; 25 kg

BK-GletEx S Acryl

Acrylic-based exterior wall leveling compound



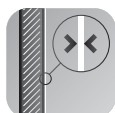
Outdoor use



Ready to use



Fiber reinforced



Layer thickness
up to 3 mm in two
layers

Use: Ready-to-use skimming compound with microfibers for machine and manual thin-layered leveling of exterior walls.

Preparation and application: The substrate to which BK-GletEx S Acryl is applied, must be solid, clean and dry, without loosely bonded parts, grease stains, etc. In case of application to high-quality mineral surfaces as well as to well-absorbed dispersion paints, the substrate must be previously coated with BK-Ultra Prime in order to achieve better adhesion of the skim coat. In case of highly absorbent surfaces, impregnation with BK-Nivelator can be performed. In case of peeled off, worn and/or dusty surfaces, all loosely bonded layers must be removed and then impregnated with BK-Penetrat.

BK-GletEx S Acryl is a ready-to-use product. Prior to use, it is advisable to stir the compound and if needed add max 1-2% of water to adjust the usage consistency, which is usually the case for machine application. The compound is usually applied in two layers, with a steel trowel, with a total thickness of up to 3 mm. After machine application, manual leveling of the surface with a trowel is performed in order to remove excess material. The second layer is applied after complete drying of the first one, and after each layer the possible folds should be processed with sandpaper, with grain size 80-180 depending on the technique and purpose. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approx. 1.5-2 kg/m², depending on roughness of the surface.

Shelf life and storage: Up to 12 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost

Package: 8; 25 kg



BK-Fas Silicon

Silicone dispersion for exterior walls

Use: Silicone dispersion paint for protection and decoration of new and old facade surfaces. It is made on the basis of high quality silicone resins, provides excellent coverage and water repellency, good vapor permeability, is resistant to UV radiation and atmospheric influences. Due to its high resistance, it is also suitable for use on the interior walls of public facilities. Possible to tint according to the Bekament color charts with limited color choices.

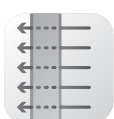
Preparation and application: The substrate to which the dispersion is applied must be solid, clean, dry and coated with BK-Ultra Prime primer. The preparation of the paint is performed by adding about 10% of water, with good stirring until complete homogenization. BK-Fas Silicon is usually applied with a long-hair roller in two coats. The second layer is applied after complete drying of the first, which under normal conditions ($T=+23-25^{\circ}\text{C}$, relative humidity=50-60%) requires 4-6 h. With continuous surfaces it is necessary to work evenly and without interruption. See product datasheet for more detailed instructions.

Application temperature: From $+5^{\circ}\text{C}$ to $+30^{\circ}\text{C}$. Do not work under direct sunlight, rain or strong wind.

Consumption: Approx. $0,15-0,25 \text{ l/m}^2$ for a two-layer coating, depending on the absorbency and roughness of the substrate.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$, protected from direct sunlight and frost. The date of manufacture is imprinted on the packaging.

Package: 3; 5; 15 l



Excellent vapor permeability



Excellent water repellent



Excellent coverage



UV resistant



Mould and algae protection

BK-Fas Silicat

Silicate dispersion for exterior walls

Use: Silicate dispersion paint for protection and decoration of exterior and interior wall surfaces, characterized by excellent vapor permeability and good coverage. Due to the specific method of bonding to the substrate, it is suitable for use in the restoration of the facade surfaces of old buildings and cultural monuments. Resistant to UV radiation and atmospheric influences. Possible to tint according to the Bekament color charts with limited color choices.

Preparation and application: The substrate to which the paint is applied must be solid, clean, dry and coated with BK-Grund Silicat primer. The preparation of the paint is performed by adding about 10% of water, with good stirring until complete homogenization. BK-Fas Silicat is usually applied with a long-hair roller in two coats. The second layer is applied after complete drying of the first, which under normal conditions ($T=+23-25^{\circ}\text{C}$, relative humidity=50-60%) requires 4-6 h. It is necessary to work evenly and without interruption on continuous surfaces. High humidity and low temperatures can prolong the bonding time and affect the uniformity of shade. Protective curtains must be used during application. See product datasheet for more detailed instructions.

Application temperature: From $+15^{\circ}\text{C}$ to $+30^{\circ}\text{C}$, relative humidity max. 70%. Do not work under direct sunlight, rain or strong wind.

Consumption: Approx. 0.35 kg/m^2 in two coatings, depending on the absorbency of the substrate.

Shelf life and storage: 12 months in original sealed packing. Store at temperatures from $+5$ to $+25^{\circ}\text{C}$, protected from direct sunlight and frost.

Package: 5; 8; 25 kg



Excellent vapor permeability



Good coverage



UV resistant



For restoration of cultural heritage



Mould and algae resistant



BK-Fas Acryl

Acrylic dispersion for exterior walls



Use: Acrylic dispersion paint for protection and decoration of new and old facade surfaces. It is produced from high quality raw materials, provides excellent coverage and water repellency, is resistant to UV radiation and atmospheric influences. Due to its high resistance, it is also suitable for use on the interior walls of public and residential buildings. Possible to tint in more than 3200 shades.

Preparation and application: The substrate to which the dispersion is applied must be solid, clean, dry and coated with BK-Acryl primer. The preparation of the paint is performed by adding up to 15 % of water, with good stirring until complete homogenization. BK-Fas Acryl is usually applied with a long-hair roller in two coats. The second layer is applied after complete drying of the first, which under normal conditions (T=+23-25°C and 50-60% r. h.) requires 4-6 hours. It is necessary to work evenly and without interruption on continuous surfaces. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approx. 0.15-0.30 l/m² depending on the absorbency and roughness of the substrate.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 1; 3; 5; 15 l



High coverage



Excellent water repellent



UV resistant



Wide range of shades

BK-MicroFas Silicon

Silicone dispersion with microfibers for exterior walls



Use: Silicone dispersion paint with microfibers for protection and decoration of new and old facade surfaces. It is made on the basis of high quality silicone resins, provides excellent coverage and water repellency, good vapor permeability, is resistant to UV radiation and atmospheric influences. Due to its high resistance, it is also suitable for use on the interior walls of public facilities. This product provides good bypassing and filling of the thin cracks in the render (max. 0.5 mm) and thus prevents subsequent cracks or visible transitions on the finished surfaces. Possible to tint in accordance with Bekament color charts.

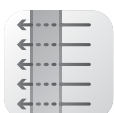
Preparation and application: The substrate to which the dispersion is applied must be solid, clean, dry and coated with BK-MicroGrund Universal primer. The preparation of the paint is performed by adding about 5-10% of water, with good stirring until complete homogenization. BK-MicroFas Silicon is usually applied with a long-hair roller in two coats by cross motions. The second layer is applied after complete drying of the first, which under normal conditions (T=+23- 25°C, relative humidity=50-60%) requires 4-6 h. Work should be done evenly and without interruption on continuous surfaces with a "full roller" to avoid grouping of the filler in one place. See product datasheet for more detailed instructions.

Application temperature: From +5°C to +30°C. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately 0.4-0.45 kg/m² in 2 coats, depending on absorbency and roughness of the surface.

Shelf life and storage: 18 months in original sealed packing. Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Package: 5; 8; 25 kg



High vapor permeability



Excellent coverage



UV resistant



With microfibers



Mould and algae protection

BK-MicroFas Silicat

Silicate dispersion with microfibers for exterior walls



High vapor permeability



Good coverage



For restoration of cultural heritage



Fiber reinforced



Mould and algae resistant

Use: Silicate dispersion paint with microfibers for protection and decoration of exterior and interior wall surfaces. Due to its high vapor permeability it is very suitable for renovation of old facades and cultural monuments. It is made of high quality silicate binders and additives, provides excellent coverage, is resistant to UV radiation and atmospheric influences. This product provides good bypassing and filling of the thin cracks in the render (max. 0.5 mm) and thus prevents subsequent cracks or visible transitions on the finished surfaces. Possible to tint according to the Bekament color charts with limited color choices.

Preparation and application: The substrate to which the paint is applied must be solid, clean, dry and coated with BK-Grund Silicat primer. The preparation of the paint is performed by adding 5-10% of water, with good stirring until complete homogenization. BK-MicroFasSilicat is usually applied with a long-hair roller in two coats by cross motions. The second layer is applied after complete drying of the first, which under normal conditions ($T=+23-25^{\circ}\text{C}$, relative humidity=50-60%) requires 4-6 h. Work should be done evenly and without interruption on continuous surfaces with a "full roller" to avoid grouping of the filler in one place. High humidity and low temperatures (e.g. late autumn) can prolong the bonding time and affect the uniformity of shade. Protective curtains must be used during application. See product datasheet for more detailed instructions.

Application temperature: From $+15^{\circ}\text{C}$ to $+30^{\circ}\text{C}$, relative humidity max. 70%. Do not work under direct sunlight, rain or strong wind.

Consumption: About $0.4-0.45 \text{ kg/m}^2$ in two coatings, depending on the absorbency and roughness of the surface.

Shelf life and storage: Up to 12 months in original sealed packing. Store at temperatures from $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$, protected from direct sunlight and frost.

Package: 5; 8; 25 kg.

BK-MicroFas Acryl

Acrylic dispersion with microfibers for exterior walls



Excellent coverage



Excellent water repellent



UV resistant



Fiber reinforced

Use: Acrylic dispersion paint with microfibers for protection and decoration of new and old facade surfaces. It is produced from high quality raw materials, provides excellent coverage and water repellency, is resistant to UV radiation and atmospheric influences. This product provides good bypassing and filling of the thin cracks in the render (max. 0.5 mm) and thus prevents subsequent cracks or visible transitions on the finished surfaces. Possible to tint according to the Bekament color charts with unlimited color choices.

Preparation and application: The substrate to which the dispersion is applied must be solid, clean, dry and coated with BK-MicroGrund Universal primer. The preparation of the paint is performed by adding 5-10 % of water, with good stirring until complete homogenization. BK-MicroFas Acryl is usually applied with a long-hair roller in two coats by cross motions. The second layer is applied after complete drying of the first, which under normal conditions ($T=+23-25^{\circ}\text{C}$, relative humidity=50-60%) requires 4-6 h. Work should be done evenly and without interruption on continuous surfaces with a "full roller" to avoid grouping of the filler in one place. See product datasheet for more detailed instructions.

Application temperature: From $+5^{\circ}\text{C}$ to $+30^{\circ}\text{C}$. Do not work under direct sunlight, rain or strong wind.

Consumption: Approximately $0.4-0.45 \text{ kg/m}^2$ depending on absorbency and roughness of the surface.

Shelf life and storage: Up to 18 months in original sealed packing. Store at temperatures from $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$, protected from direct sunlight and frost.

Package: 5; 8; 25 kg



BK-Fas Color

Acrylic dispersion for exterior walls - full tone

Use: Tinted dispersion paint made of high quality acrylic emulsion. It is used for decorative protection of elements on new, high-quality, as well as old facade surfaces. It is also used as a means of tinting dispersion paints and facade renders. It is characterized by excellent water repellency, resistance to UV radiation and atmospheric influences. Due to its high resistance, it is also suitable for use on the interior walls of public facilities. It is produced in 13 standard shades.

Preparation and application: The substrate to which the dispersion is applied must be solid, clean, dry and coated with BK-Acryl primer. The preparation of the paint is performed by adding max. 5-10 % of water, with good stirring until complete homogenization. BK-Fas Color is usually applied with a long-hair roller in two coats. The second layer is applied after complete drying of the first, which under normal conditions ($T=+23-25^{\circ}\text{C}$, relative humidity=50-60%) requires 4-6 h. It is necessary to work evenly and without interruption on continuous surfaces. See product datasheet for more detailed instructions.

Application temperature: From $+5^{\circ}\text{C}$ to $+30^{\circ}\text{C}$. Do not work under direct sunlight, rain or strong wind.

Consumption: About $0.25\text{kg}/\text{m}^2$, depending on the absorbency of the substrate.

Shelf life and storage: Up to 18 months in original sealed packing. Store at temperatures from $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$, protected from direct sunlight and frost

Package: 1 kg



Excellent coverage



Excellent water repellent



UV resistant



13 standard shades





Bekatherm mesh 160

Facade mesh

Use: The glass fiber mesh is embedded across the entire surface in a layer of construction adhesive with a minimum of 10 cm overlap at all joints of the mesh.

- Surface mass: 160 g/m²

Shelf life and storage: Unlimited.

Consumption: 1,1 m²/ netto m²

Package:

- Width: 100 cm
- Length: 50 m
- Total: 50 m²



Bekatherm mesh 145

Facade mesh

Use: The glass fiber mesh is embedded across the entire surface in a layer of construction adhesive with a minimum of 10 cm overlap at all joints of the mesh.

- Surface mass: 145 g/m²

Shelf life and storage: Unlimited.

Consumption: 1,1 m²/ netto m²

Package:

- Width: 100 cm
- Length: 50 m
- Total: 50 m²

Additional range for facade systems:

Facade dowel, PVC corner molding with mesh, drip profile with mesh, initial aluminum molding.



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INSULATION PRODUCTS



Bekatherm EPS F

EPS boards of expanded polystyrene



Use: Bekatherm EPS F is a facade thermal insulation board made of expanded polystyrene without adding any additives in the production process in accordance with SRPS EN 13163. Intended for installation in contact thermal insulation facade systems (ETICS), Bekatherm EPS F is a thermal insulation layer within the ETA certified Bekatherm Standard thermal insulation facade system. Depending on mechanical, safety and thermal requirements it can be used as a thermal insulation layer in sandwich panels, sandwich walls, for thermal insulation of interior walls, ceilings and roofs..

Installation: The product is installed in accordance with the instructions for installation of the contact thermal insulation facade system (ETICS), as well as the general rules for the execution of thermal insulation works in construction.

Panel dimensions: 1000 x 500 mm, thickness from 10 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources. Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



High workability



Shape and form stability

Bekatherm EPS Grafit

EPS expanded polystyrene boards with added graphite



Use: Bekatherm EPS Grafit is a facade thermal insulation board with improved performance compared to standard facade thermal insulation boards. It is characterized by lower thermal conductivity with increased mechanical strength. Thermal performance is improved by 20%. Bekatherm EPS Grafit are boards made of expanded polystyrene with the addition of graphite, according to the manufacturing process from SRPS EN 13163. It is intended for installation in contact thermal insulation facade systems (ETICS), and depending on mechanical, safety and thermal requirements it can be used as a thermal insulation layer in sandwich panels, sandwich walls, for thermal insulation of interior walls, ceilings and roofs.

Installation: The product is installed in accordance with the instructions for installation of the contact thermal insulation facade system (ETICS), as well as the general rules for the execution of thermal insulation works in construction.

Panel dimensions: 1000 x 500 mm, thickness from 20 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources. Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



High workability



Shape and form stability



Bekatherm EPS Gold

EPS boards of expanded polystyrene



Use: Bekatherm EPS GOLD is a facade thermal insulation board with improved performance compared to standard facade thermal insulation boards. It is characterized by lower thermal conductivity with increased mechanical strength. Bekatherm EPS GOLD are boards made of expanded polystyrene without adding any additives in the manufacturing process in accordance with SRPS EN 13163. Intended for installation in contact thermal insulation facade systems (ETICS), Bekatherm EPS GOLD is a thermal insulation layer within the Bekathetm Standard thermal insulation facade system. Depending on mechanical, safety and thermal requirements, it can be used as a thermal insulation layer in sandwich panels, sandwich walls, for thermal insulation of interior walls, ceilings and roofs.

Installation: The product is installed in accordance with the instructions for installation of the contact thermal insulation facade system (ETICS), as well as the general rules for the execution of thermal insulation works in construction.

Panel dimensions: 1000 x 500 mm, thickness from 20 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources. Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



Thermal conductivity



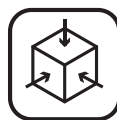
High energy savings



Durability



High workability



Shape and form stability



Bekatherm EPS 150

EPS boards of expanded polystyrene

Use: Bekatherm EPS 150 is a thermal insulation board made of expanded polystyrene without adding any additives in the production process in accordance with SRPS EN 13163. It is used in construction for thermal insulation of heavy loaded horizontal surfaces (heavy pedestrian load, smaller vehicles), in accordance with the mechanical characteristics of the product, as well as for thermal insulation of concrete elements of sloping roofs and flat roofs where a higher load is expected. Depending on mechanical, safety and thermal requirements it can be used as a thermal insulation layer in sandwich panels, sandwich walls, for thermal insulation of interior walls, ceilings and roofs.

Installation: Depending on the intended use and location in the structure, thermal insulation boards are installed by bonding, mechanical fastening or by free laying. When bonding, adhesives from the group intended for bonding EPS boards such as BK EPS Kleber Gun, BK-StirolFixBase, BK-StirolFix WDVS, BK-StirolFix 1 or BK-StirolFix Special should be used, depending on the characteristics of the substrate and the conditions of use of the object. If the fastening is performed mechanically, the use of fasteners (special screws, dowels, etc.) manufactured for this purpose is necessary. Regardless of the choice of installation technique, the product is installed according to generally recognized technical rules.

Panel dimensions: 1000 x 500 mm, thickness from 20 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources.

Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



High workability



Shape and form stability



Bekatherm EPS 120

EPS boards of expanded polystyrene

Use: Bekatherm EPS 120 is a thermal insulation board made of expanded polystyrene without adding any additives in the production process in accordance with SRPS EN 13163. It is used in construction for thermal insulation of medium-loaded horizontal surfaces (pedestrian load), in accordance with the mechanical characteristics of the product, as well as for thermal insulation of concrete elements of sloping and flat roofs, depending on mechanical, safety and thermal requirements it can be used as a thermal insulation layer in sandwich panels, sandwich walls, for thermal insulation of interior walls, ceilings and roofs.

Installation: Depending on the intended use and location in the structure, thermal insulation boards are installed by bonding, mechanical fastening or by free laying. When bonding, adhesives from the group intended for bonding EPS boards such as BK EPS Kleber Gun, BK-StirolFix Base, BK-StirolFix WDVS, BK-StirolFix 1 or BK-StirolFix Special should be used, depending on the characteristics of the substrate and the conditions of use of the object. If the fastening is performed mechanically, the use of fasteners (special screws, dowels, etc.) manufactured for this purpose is necessary. Regardless of the choice of installation technique, the product is installed according to generally recognized technical rules.

Panel dimensions: 1000 x 500 mm, thickness from 20 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources.

Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



High workability



Shape and form stability



Bekatherm EPS 100

EPS boards of expanded polystyrene

Use: Bekatherm EPS 100 is a thermal insulation board made of expanded polystyrene without adding any additives in the production process in accordance with SRPS EN 13163. It is used in construction for thermal insulation of horizontal surfaces with lower load (lower pedestrian load), in accordance with the mechanical characteristics of the product, as well as for thermal insulation of concrete elements of sloping roofs, depending on mechanical, safety and thermal requirements it can be used as a thermal insulation layer in sandwich panels, sandwich walls, for thermal insulation of interior walls, ceilings and roofs.

Installation: Depending on the intended use and location in the structure, thermal insulation boards are installed by bonding, mechanical fastening or by free laying. When bonding, adhesives from the group intended for bonding EPS boards such as BK EPS Kleber Gun, BK-StirolFix Base, BK-StirolFix WDVS, BK-StirolFix 1 or BK-StirolFix Special should be used, depending on the characteristics of the substrate and the conditions of use of the object. If the fastening is performed mechanically, the use of fasteners (special screws, dowels, etc.) manufactured for this purpose is necessary. Regardless of the choice of installation technique, the product is installed according to generally recognized technical rules.

Panel dimensions: 1000 x 500 mm, thickness from 20 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources.

Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



High workability



Shape and form stability

Bekatherm EPS 30

EPS boards of expanded polystyrene

Use: Bekatherm EPS 30 is a thermal insulation board made of expanded polystyrene without adding any additives in the production process in accordance with SRPS EN 13163. It is used in construction for thermal insulation purposes in areas with low thermal insulation requirements as well as low mechanical properties requirements. Its best application is as a fill in partition walls where there is a partial requirement for soundproofing. It is used in accordance with the declared thermal and mechanical properties

Installation: Depending on the intended use and location in the structure, thermal insulation boards are installed by bonding, mechanical fastening or by free laying. When bonding, adhesives from the group intended for bonding EPS boards such as BK EPS Kleber Gun, BK-StirolFix Base, BK-StirolFix WDVS, BK-StirolFix 1 or BK-StirolFix Special should be used, depending on the characteristics of the substrate and the conditions of use of the object. If the fastening is performed mechanically, the use of fasteners (special screws, dowels, etc.) manufactured for this purpose is necessary. Regardless of the choice of installation technique, the product is installed according to generally recognized technical rules

Panel dimensions: 1000 x 500 mm, thickness from 20 - 200 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources.

Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



High workability



Shape and form stability

BK-Dur

Extruded polystyrene boards

Use: BK-Dur, waffle is a thermal insulation board made of extruded polystyrene foam, ribbed surface structure, resistant to water (moisture) and high pressure loads. It is intended for insulation of new buildings and renovation of existing buildings.

Hard-pressed polystyrene foam boards with a closed-cell structure allow the building to "breathe". This is achieved by a special mixture and composition of cells in combination with the treated surface.

It is used for insulation of foundations, insulation of floors with high pressure load, perimeter insulation, insulation of flat roofs.

Installation: The product should be applied up to the recommended temperature. When exposed to a higher temperature than recommended, which is a maximum of 75C, the plates can soften, permanently deform, change dimensions, melt or become brittle and lose mechanical properties. The product can only be glued with adhesives based on cement, bitumen or plastic materials. The adhesive must not contain chemically soluble agents, which can react with the boards in a way that softens them, causes shrinkage and even dissolution, which can result in the loss of basic properties. The product is installed in accordance with the general rules for performing thermal insulation works in construction.

Panel dimensions: 1250 x 600 mm, thickness from 20 - 120 mm. Upon special request customer can make panels of other dimensions.

Packaging: Package wrapped with opaque PE foil with a volume of 0.17 - 0.25 m³ (depending on of the thickness of the packed plates).

Storage: Store in covered areas, separate from heat and flame sources. Do not expose to UV rays. Avoid contact with incompatible chemicals and materials (organic solvents, petroleum, etc.).



Excellent thermal insulation



High energy savings



Durability



Resistance to high loads





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