Thermal Insulation Systems & Cement Based Plasters and Bonding Mortars

2025

FIXA®

CONSTRUCTION CHEMICALS

FİXA CONSTRUCTION CHEMICALS was founded in İstanbul, Türkiye in 2001 on the principle that modern buildings can only be built with high quality construction materials.

Thanks to our commitment to research and development, FİXA quickly became one of the most important brands in the industry. In the past 24 years, alongside our first factory in Istanbul, the company has established factories in Adana (2009), Ankara (2011) and in 2013 launched a production facility for MS hybrid, polyurethane and silicone products introducing the Turkish construction sector to high technology and innovative solutions.

Through our subsidiary İGLOTEK Thermal Insulation Systems, FİXA has been manufacturing high qualified white and grey EPS insulation boards since 2011, meeting the demands of the thermal insulation industry.

All of FİXA's products are produced in fully computer automated, modern facilities with an annual capacity of 350,000 tons of powder products, 5,000 tons of liquid products, 5,000 tons of silicone sealants-mastics and 350,000 m^3 of EPS.

The 11 main product groups of FİXA are: Waterproofing Systems, Sealants, Repair, Reinforcement and Restoration Systems, Floor Systems, Thermal Insulation Systems, Concrete and Mortar Admixtures, Mold Release Agents and Curing Compounds, Cement Based Plasters and Bonding Mortars, Tile and Ceramic Adhesives, Tile Grouts and Technical Adhesives.

FİXA always places product quality at the forefront to meet customer needs and expectations, invests heavily in R&D, training and quality control systems. All raw materials, semi-finished and finished products are quality controlled before leaving the factory. In addition to CE and TSE quality certificates, FİXA holds ISO 9001:2015 certification and other internationally recognized quality certificates.

With a widespread dealer network across Türkiye, FİXA continues to strengthen its export facilities with the growing distributor network and exports to more than 30 countries from South and Central America to Africa.

In 2022, FİXA Construction Chemicals UK was established to serve the entire European market as a dedicated distribution company.

FİXA emphasizes the correct application of the right product. Our professional sales teams and technical support units are on hand to assist customers ensure proper product selection and application.

As FİXA enters our 25th year, we continue to offer high quality products not only for construction but also for the automotive and various industrial sectors. Driven by our belief in R&D, commitment to product quality and strategic investments, FİXA's advancing toward our goal of becoming the leading brand in construction chemicals. With a quarter century of experience, we will continue to provide reliable, top quality service to the construction industry.

OUR FACTORIES

CONSTRUCTION CHEMICALS

İstanbul Factory

Outdoor Area	11,000 m^2
Closed Area	6,000 m^2
Production Capacity	150,000 ton/year (powder product)
	5,000 ton/year (liquid product)
	5,000 ton/year (MS-silicone sealant)

Adana Factory

Outdoor Area	4,000 m^2
Closed Area	3,000 m^2
Production Capacity	80,000 ton/year (powder product)

Ankara Factory

Outdoor Area	7,200 m^2
Closed Area	4,800 m^2
Production Capacity	120,000 ton/year (powder product)

EPS

İstanbul Factory

Outdoor Area	4,500 m^2
Closed Area	5,000 m^2
Production Capacity	350,000 m^3/year (EPS)

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THERMAL INSULATION SYSTEMS

FIRSTLEVEL®
Multi-Purpose Primer

Description:
Acrylic based, single component, ready-to-use **primer** for absorbent surfaces.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical applications,
- To increase adherence prior to adhesive, plaster and decorative plaster applications,
- To protect water absorbent surfaces such as gypsum-plaster, gypsum board, gas concrete, chipboard, briquette from moisture,
- As primer before painting and wall paper applications,
- To increase the adherence before applications on old surfaces.

Advantages:
- Economical. Ready to use, easily and quickly applied.
- Prevents the mortar to lose its water fast when applied prior to cement based coatings on absorbent surfaces.
- Provides resistance to moisture.
- Provides high adherence.
- Waterborne, odorless and safe to use indoor.

Consumption:
100 - 200 g/m^2 (Varies depending on the absorption and roughness of the surface.)

Packaging:
5 kg and 20 kg plastic jerrycans

Technical Properties	
Appearance	: White colored liquid
Liquid Density	: ~ 1.02 kg/L
Application Temperature	: Between +5°C and +35°C
Drying Time	: 45 - 60 minutes
Second Coat Application Time	: 1 - 1.5 hours
Service Temperature	: Between -30°C and +80°C

DECOPRIMER®
Decorative Plaster Primer

Description:
Acrylic dispersion based, waterborne, single component, white colored **primer** with high adhesion properties which can be used under all cement based interior and exterior coating materials.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical applications,
- To increase adherence prior to the application of decorative plasters on thermal insulation board plasters,
- As a primer before applications on old surfaces,
- Under all cement based interior and exterior facade coating materials.

Advantages:
- Provides high adherence between the surface and the coating mortar.
- Prevents the mortar to lose its water fast when applied prior to cement based coatings on absorbent surfaces.
- Provides resistance to moisture.
- Covers the surface well.
- Ready to use, easily and quickly applied.
- Waterborne, odorless and safe to use indoor.
- Easy to apply with its white color in thermal insulation applications.

Consumption:
100 - 300 g/m^2 (Varies depending on the application surface.)

Packaging:
15 kg plastic buckets

Technical Properties	
Appearance	: White colored acrylic dispersion
Density	: ~ 1.55 kg/L
Application Temperature	: Between +5°C and +35°C
Drying Time	: ~ 6 hours
Service Temperature	: Between -30°C and +80°C

AKRILAN® 700
Acrylic Adhesive for Thermal Insulation Systems

Description:
Acrylic dispersion based, high performance, **ready-to-use**, paste type adhesive for bonding of thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- Mineral based surfaces,
- Bonding of thermal insulation boards (EPS, XPS, stone wool etc.) on surfaces such as painted, gypsum board, gypsum-plaster, cement-bonded particle boards and wood.

Advantages:
- Ready to use. Does not produce dust like cement based products.
- Does not contain solvent, odorless. Safe to use indoor.
- Since it is more elastic and provides a stronger bond compared to cement-based adhesives, it is preferred in bonding thermal and acoustic insulation boards on painted surfaces, especially indoor.
- Resistant to moisture.
- Easy to apply and saves labor.
- Allows water vapor permeability.

Consumption:
3.5 - 4 kg/m^2 (Varies depending on the application surface.)

Packaging:
15 kg plastic buckets

Technical Properties	
Appearance	: White colored acrylic dispersion
Density	: ~ 1.50 kg/L
Application Temperature	: Between +5°C and +35°C
Adhesion Strength	: ≥ 1 N/mm^2 (TS EN 1015-12)
Working Time	: 20 minutes
Fixing with Wall Plugs	: Minimum 48 hours later
Plaster Application Time	: 1 - 2 days later
Service Temperature	: Between -30°C and +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

PU 961

PU Adhesive Foam

Description:
Single component **polyurethane** foam which is cured very fast with the moisture in the air. It is applied with its special gun and used for fast and strong adhesion of thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- Bonding of EPS and XPS boards used in thermal insulation systems,
- Bonding and fixing of materials such as wood, concrete, metal, brick etc.
- Bonding of decorative construction elements such as EPS decorative frames used on facades,
- Applications where minimum expansion of foam is required,
- Assembly and insulating frames of doors and windows.

Advantages:
- Bonds perfectly on all types of surfaces (except PE, PP, teflon).
- Has high thermal and acoustic insulation property.
- Resistant to all kinds of weather conditions and vapor.
- Its expansion on the surface is minimum. Does not expand and lose volume when cured.
- Enables working even in low temperatures.
- Enables plugging after approximately 2 hours due to fast curing. Saves time.
- Easy to apply, labor efficient.
- Water impermeable, mould resistant and overpaintable.
- Ready to use.
- Does not contain propellant gases harmful to ozone layer.

Consumption:
40 - 50 L/1000 ml (Varies depending on the application surface and the application method.)

Packaging:
750 ml (Gross 850 g) pressurized tin cans

Technical Properties	
Appearance	: Pink colored foam
Mixture Density	: 21 ± 3 g/cm³ (ASTM D1622)
Tack-Free Time	: 6 ± 2 min. (ASTM C1620) (1 cm width)
Cutting Time	: 25 - 35 min. (ASTM C1620) (1 cm width)
Fire Class (Cured Foam)	: B3 (DIN 4102)
Expansion Rate	: 30 - 50%
Yield	: 40 - 50 L/1000 ml (ASTM C 1536)
Thermal Conductivity Coef.	: 0.030 W/mK (+20°C) (DIN 52612)
Application Temperature	: Between +5°C and +30°C
Service Temperature	: Between -40°C and +100°C

STRAFIX®

Thermal Insulation Board Adhesive Mortar

Description:
Cement based, polymer added, high performance, flexible **adhesive** mortar with high stability for thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- Bonding of thermal insulation boards (EPS, XPS and stone wool) on concrete, brick, gas concrete and similar surfaces with coarse and fine plaster.

Advantages:
- Easy to apply, provides perfect adhesion.
- Resistant to water and frost.
- Not affected by temperature changes.
- Flexible.
- Provides high stability, does not sag and crack.

Consumption:
Varies depending on the application method:
For EPS and XPS : 3 - 4 kg/m²
For stone wool : 4 - 5 kg/m²

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2 hours
Open Time	: 15 minutes
Fixing with Wall Plugs	: Minimum 24 hours later
Plaster Application Time	: 1 - 2 days later
Application Temperature	: Between +5°C and +35°C
Aggregate Size	: Amount over 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar	: ≥ 1000 kg/m³ (TS EN 1015-6)
Flexural Strength	: ≥ 2 N/mm² (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm² (TS EN 1015-11)
Adhesion Strength to the Substrate	: ≥ 0.5 N/mm² (TS EN 1015-12)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm² (TS EN 13494)
Water Absorption	: After 30 minutes: ≤ 5 g After 240 minutes: ≤ 10 g (TS EN 12808-5)
Service Temperature	: Between -20°C and +70°C

PROX® 540

Thermal Insulation Board Adhesive Mortar

Description:
Cement based **adhesive** mortar for thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- Bonding of thermal insulation boards (EPS and XPS) on concrete, brick, gas concrete and similar surfaces with coarse and fine plaster.

Advantages:
- Easy to apply, provides perfect adhesion.
- Resistant to water and frost.
- Not affected by temperature changes.
- Does not sag and crack on vertical surfaces.

Consumption:
3 - 4 kg/m² (Varies depending on the application method.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: ~ 1.5 hours
Open Time	: 15 minutes
Fixing with Wall Plugs	: Minimum 24 hours later
Plaster Application Time	: 1 - 2 days later
Application Temperature	: Between +5°C and +35°C
Aggregate Size	: Amount over 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar	: ≥ 1000 kg/m³ (TS EN 1015-6)
Flexural Strength	: ≥ 2 N/mm² (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm² (TS EN 1015-11)
Adhesion Strength to the Substrate	: ≥ 0.5 N/mm² (TS EN 1015-12)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm² (TS EN 13494)
Water Absorption	: After 30 minutes: ≤ 5 g After 240 minutes: ≤ 10 g (TS EN 12808-5)
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

STRAFIX®

Thermal Insulation Board Plastering Mortar - Fiber Supported (Fine)

Description:
Cement based, polymer added, high performance, **fiber supported**, **fine aggregated plastering** mortar for thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- As a surface plaster on thermal insulation boards (EPS, XPS and stone wool).

Advantages:
- Easy to apply, provides perfect adhesion.
- Resistant to water and frost.
- Not affected by temperature changes.
- Flexible.
- Provides high stability, does not sag and crack.
- Water vapor permeable, allows the surface to breathe.
- Can be directly overpainted.

Consumption:
3 - 4 kg/m^2 (Varies depending on the application method.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2 hours
Application Temperature	: Between +5°C and +35°C
Aggregate Size	: Amount over 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar	: ≥ 1150 kg/m^3 (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m^3 (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm^2 (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm^2 (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm^2 (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m^2.min$^{0.5}$) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ_u W/mK (TS EN 1745 - Table A12) (P:50%)
Service Temperature	: Between -20°C and +70°C

STRAFIX®

Thermal Insulation Board Plastering Mortar - Fiber Supported (Coarse)

Description:
Cement based, polymer added, high performance, **fiber supported**, **coarse aggregated plastering** mortar for thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- As a surface plaster on thermal insulation boards (EPS, XPS and stone wool).

Advantages:
- Easy to apply, provides perfect adhesion.
- Resistant to water and frost.
- Not affected by temperature changes.
- Flexible.
- Provides high stability, does not sag and crack.
- Water vapor permeable, allows the surface to breathe.
- Can be directly overpainted.

Consumption:
4 - 5 kg/m^2 (Varies depending on the application method.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored coarse powder
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 5 - 6 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2 hours
Application Temperature	: Between +5°C and +35°C
Bulk Density of Fresh Mortar	: ≥ 1150 kg/m^3 (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m^3 (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm^2 (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm^2 (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm^2 (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m^2.min$^{0.5}$) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ_u W/mK (TS EN 1745 - Table A12) (P:50%)
Service Temperature	: Between -20°C and +70°C

STRAFIX®

Decorative Plaster 15 Mineral Textured - White (Fine)

Description:
White cement based, single component, polymer added, **decorative** facade top coat with **1.5 mm mineral granular texture** applied with a trowel.

Application Areas:
- As a top coat decorative coating material in thermal insulation systems,
- Interior and exterior facade plasters.

Advantages:
- Easy to apply, provides perfect adhesion.
- Has a decorative look and provides homogenous application.
- Wavelike appearance in imperfect thermal insulation system applications can be corrected.
- Resistant to water and frost.
- Resists to external impacts and protects the building for long time.
- Water vapor permeable, allows the surface to breathe.
- Exterior facade paints can be applied on it.
- Fine granular texture reduces product consumption.

Consumption:
2.25 - 2.75 kg/m^2 (Varies depending on the application surface.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.50 kg/L
Water Mixing Ratio	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6.0 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.minute$^{0.5}$) (EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 20 (EN 1015-19)
Application Thickness	: ~ 1.5 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

STRAFIX®
Decorative Plaster 20
Mineral Textured - White (Coarse)

Description:
White cement based, single component, polymer added, **decorative** facade top coat with **2 mm mineral granular texture** applied with a trowel.

Application Areas:
- As a top coat decorative coating material in thermal insulation systems,
- Interior and exterior facade plasters.

Advantages:
- Easy to apply, provides perfect adhesion.
- Has a decorative look and provides homogenous application.
- Wavelike appearance in imperfect thermal insulation system applications can be corrected.
- Resistant to water and frost.
- Resists to external impacts and protects the building for long time.
- Water vapor permeable, allows the surface to breathe.
- Exterior facade paints can be applied on it.

Consumption:
2.50 - 3.50 kg/m^2 (Varies depending on the application surface.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6.0 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.minute$^{0.5}$) (EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 20 (EN 1015-19)
Application Thickness	: ~ 2 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: Between -20°C and +70°C

STRAFIX®
Decorative Plaster C30
Fine Line Patterned (White)

Description:
White cement based, single component, polymer added, **fine line patterned decorative** facade top coat applied with a trowel.

Application Areas:
- As a top coat decorative coating material in thermal insulation systems,
- Interior and exterior facade plasters.

Advantages:
- Easy to apply, provides perfect adhesion.
- Has a decorative look thanks to its particular fine line patterns.
- Wavelike appearance in imperfect thermal insulation system applications can be corrected.
- Resistant to water and frost.
- Resists to external impacts and protects the building for long time.
- Water vapor permeable, allows the surface to breathe.
- Exterior facade paints can be applied on it.

Consumption:
3.5 - 4 kg/m^2 (Varies depending on the application surface.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3.5 - 7.5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W2; C ≤ 0.20 kg/(m^2.minute$^{0.5}$) (EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (EN 1015-19)
Application Thickness	: ~ 2 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: Between -20°C and +70°C

STRAFIX®
Decorative Plaster C40
Coarse Line Textured (White)

Description:
White cement based, single component, polymer added, **coarse line textured decorative** facade top coat applied with a trowel.

Application Areas:
- As a top coat decorative coating material in thermal insulation systems,
- Interior and exterior facade plasters.

Advantages:
- Easy to apply, provides perfect adhesion.
- Has a decorative look thanks to its particular coarse line texture.
- Wavelike appearance in imperfect thermal insulation system applications can be corrected.
- Resistant to water and frost.
- Resists to external impacts and protects the building for long time.
- Water vapor permeable, allows the surface to breathe.
- Exterior facade paints can be applied on it.

Consumption:
3.5 - 4 kg/m^2 (Varies depending on the application surface.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3.5 - 7.5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W2; C ≤ 0.20 kg/(m^2.minute$^{0.5}$) (EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (EN 1015-19)
Application Thickness	: 2 - 3 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

PROX® 550

Thermal Insulation Board Plastering Mortar - Fiber Supported (Fine)

Description:
Cement based, **fiber supported**, **fine aggregated plastering** mortar formulated for thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- As a surface plaster on thermal insulation boards (EPS and XPS).

Advantages:
- Easy to apply, provides good adhesion.
- Resistant to water and frost.
- Not affected by temperature changes.
- Does not sag and crack on vertical surfaces.
- Water vapor permeable, allows the surface to breathe.
- Can be directly overpainted.

Consumption:
3 - 4 kg/m^2 (Varies depending on the application method.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1.5 hours
Application Temperature	: Between +5°C and +35°C
Aggregate Size	: Amount above of 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar	: ≥ 1150 kg/m^3 (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m^3 (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm^2 (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm^2 (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm^2 (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m^2.min$^{0.5}$) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ_h W/mK (TS EN 1745 - Table A12) (P:50%)
Service Temperature	: Between -20°C and +70°C

PROX® 552

Thermal Insulation Board Plastering Mortar - Fiber Supported (Coarse)

Description:
Cement based, **fiber supported**, **coarse aggregated plastering** mortar formulated for thermal insulation boards.

Application Areas:
- Indoor and outdoor,
- As a surface plaster on thermal insulation boards (EPS and XPS).

Advantages:
- Easy to apply, provides good adhesion.
- Resistant to water and frost.
- Not affected by temperature changes.
- Does not sag and crack on vertical surfaces.
- Water vapor permeable, allows the surface to breathe.
- Can be directly overpainted.

Consumption:
4 - 5 kg/m^2 (Varies depending on the application method.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored coarse powder
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 5 - 6 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1.5 hours
Application Temperature	: Between +5°C and +35°C
Bulk Density of Fresh Mortar	: ≥ 1150 kg/m^3 (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m^3 (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm^2 (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm^2 (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm^2 (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m^2.min$^{0.5}$) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ_h W/mK (TS EN 1745 - Table A12) (P:50%)
Service Temperature	: Between -20°C and +70°C

PROX® 581

Decorative Plaster Mineral Textured - White (Fine)

Description:
White cement based, single component, polymer added, trowel applied, **decorative** facade top coat with **1.5 mm mineral granular texture**.

Application Areas:
- As a top coat decorative coating material in thermal insulation systems,
- Interior and exterior facade plasters.

Advantages:
- Easy to apply, provides good adhesion.
- Has a decorative look and provides homogenous application.
- Wavelike appearance in imperfect thermal insulation system applications can be corrected.
- Resistant to water and frost.
- Resists to external impacts and protects the building for long time.
- Water vapor permeable, allows the surface to breathe.
- Exterior facade paints can be applied on it.
- Fine granular texture reduces product consumption.

Consumption:
2.25 - 2.75 kg/m^2 (Varies depending on the application surface.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.50 kg/L
Water Mixing Ratio	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: 1.5 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6.0 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.minute$^{0.5}$) (EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 20 (EN 1015-19)
Application Thickness	: ~ 1.5 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

PROX® 582

Decorative Plaster Mineral Textured - White (Coarse)

Description:
White cement based, single component, polymer added, trolwel applied, **decorative** facade top coat with **2 mm mineral granular texture**.

Application Areas:
- As a top coat decorative coating material in thermal insulation systems,
- Interior and exterior facade plasters.

Advantages:
- Easy to apply, provides good adhesion.
- Has a decorative look and provides homogenous application.
- Wavelike appearance in imperfect thermal insulation system applications can be corrected.
- Resistant to water and frost.
- Resistant to external impacts and protects the building for long time.
- Water vapor permeable, allows the surface to breathe.
- Exterior facade paints can be applied on it.

Consumption:
2.50 - 3.50 kg/m^2 (Varies depending on the application surface.)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: 1.5 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6.0 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.minute$^{0.5}$) (EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 20 (EN 1015-19)
Application Thickness	: ~ 2 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

CEMENT BASED PLASTERS and BONDING MORTARS

BETOPRIMER®

Primer for Exposed Concrete Surfaces

Description:
Acrylic polymer based, single component **plaster primer** with quartz granular for exposed concrete surfaces to increase the adherence of the surface and workability time, applied before cement or gypsum based plasters.

Application Areas:
- Indoor and outdoor,
- Horizontal - vertical applications and ceilings,
- To increase adherence on exposed concrete surfaces, prior to application of cement or gypsum based plaster mortars,
- To protect water absorbent surfaces such as gypsum-plaster, gypsum board, gas concrete, chipboard, briquette from moisture,
- To increase adherence prior to plaster application on ceilings,
- To increase adherence before applications on old surfaces.

Advantages:
- Waterborne, odorless and safe to use indoor.
- Provides high adherence.
- Increases workability and working time on cement and gypsum based plasters.
- Prevents the mortar to lose its water fast when applied prior to cement and gypsum based coatings on absorbent surfaces.
- Provides resistance to moisture.
- Colored and easy to apply.

Consumption:
150 - 250 g/m^2 (Varies depending on the absorption and roughness of the application surface.)

Packaging:
12 kg plastic buckets

Technical Properties	
Appearance	: Green colored acrylic dispersion
Density (Undiluted)	: 1.55 ± 0.05 kg/L
Dilution Ratio with Water	: 4 - 6 L water / 12 kg product
Application Temperature	: Between +5°C and +35°C
Drying Time	: 60 - 90 minutes
Application Thickness	: Minimum 0.15 mm / Maximum 0.30 mm
Curing Time	: ~ 24 hours
Service Temperature	: Between -20°C and +80°C

PRIMEX®

Primer for Exposed Concrete and Gypsum Based Plaster

Description:
Acrylic polymer based, single component, **economical plaster primer** with quartz granular for exposed concrete surfaces to increase the adherence of the surface and workability time, applied before cement or gypsum based plasters.

Application Areas:
- Indoor and outdoor,
- Horizontal - vertical applications and ceilings,
- To increase adherence on exposed concrete surfaces, prior to application of cement or gypsum based plaster mortars,
- To protect water absorbent surfaces such as gypsum-plaster, gypsum board, gas concrete, chipboard, briquette from moisture,
- To increase adherence prior to plaster application on ceilings,
- To increase adherence before applications on old surfaces.

Advantages:
- Waterborne, odorless and safe to use indoor.
- Economical.
- Provides high adherence.
- Increases workability and working time on cement and gypsum based plasters.
- Prevents the mortar to lose its water when applied prior to cement and gypsum based coatings on absorbent surfaces.
- Provides resistance to moisture.
- Colored and easy to apply.

Consumption:
150 - 250 g/m^2 (Varies depending on the absorption and roughness of the concrete surface.)

Packaging:
12 kg and 15 kg plastic buckets

Technical Properties	
Appearance	: Dusty rose - pink colored acrylic dispersion
Density (Undiluted)	: 1.55 ± 0.05 kg/L
Dilution Ratio with Water	: 3 L water / 15 kg product
Application Temperature	: Between +5°C and +35°C
Drying Time	: 60 - 90 minutes
Application Thickness	: Minimum 0.15 mm / Maximum 0.50 mm
Curing Time	: ~ 24 hours
Service Temperature	: Between -20°C and +80°C

PERFIX®

Insulation Plaster with Perlite (White)

Description:
White cement based insulation plaster **with perlite** and developed with thermal and sound insulation properties, made with special particle-sized fillers and performance increasing chemicals.

Application Areas:
- Indoor and outdoor,
- Ceilings and vertical surfaces,
- Surfaces such as coarse plaster, gas concrete, brick, pumice and briquette,
- Plastering the load bearing system components such as columns, beams, shear walls.

Advantages:
- Integrates with the surface easily since it is cement based.
- Preferred to gypsum because of its high resistance to cracking, especially on surfaces such as gas concrete
- Can be used on ceilings and vertical surfaces since it displays thixotropic behavior.
- Supports sound and thermal insulation due to its perlite content.
- Its light weight reduces the dead load of the structure.
- Can be used on exposed concrete before gypsum application in order to protect the reinforcement against corrosion.
- Recommended for imperfect surfaces on which plaster application is required.
- Provides high adherence.
- Water vapor permeable, allows the surface to breathe.
- Fire resistant.

Consumption:
13 kg/m^2 for 1 cm thickness (Varies depending on the application surface.)

Packaging:
35 kg kraft bags

Technical Properties	
Appearance	: White colored powder
Powder Density	: ~ 1.30 kg/L
Water Mixing Ratio	: 8.5 - 9.5 L water / 35 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Application Thickness	: Minimum 1 cm / Maximum 3 cm
Reaction to Fire	: A1 (EN 13501-1)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Heat Conductivity Coef. (λ)	: 0.26 W/mK
Complete Drying Time	: 12 - 24 hours
Service Temperature	: Between -20°C and +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

FİXA®
Ready-Mixed Hand Plaster (Coarse)

Description:
Cement based, single component, ready-mixed **coarse** plaster with chemical and fiber additives, applied **manually**.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- Surfaces such as brick, gas concrete, concrete, exposed concrete, pumice and briquette.

Advantages:
- Saves time and labor.
- Adheres strongly to the surface, does not fall off or sag.
- Does not crack due to its fiber content.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.
- Recommended for imperfect surfaces on which plaster application is required.

Consumption:
14 - 16 kg/m^2 (for 1 cm thickness)

Packaging:
40 kg kraft bags

Technical Properties	
Appearance	: Grey colored granule
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 6.4 - 7.2 L water / 40 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3.5 - 7.5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

FİXA®
Ready-Mixed Hand Plaster (Coarse) White

Description:
White cement based, single component, ready-mixed **coarse** plaster with chemical and fiber additives, applied **manually**.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- Surfaces such as brick, gas concrete, concrete, exposed concrete, pumice and briquette.

Advantages:
- Can be used without painting due to its white color.
- Gives the building a better look.
- Reduces paint consumption.
- Saves time and labor.
- Adheres strongly to the surface, does not fall off or sag.
- Does not crack due to its fiber content.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.
- Recommended for imperfect surfaces on which plaster application is required.

Consumption:
14 - 16 kg/m^2 (for 1 cm thickness)

Packaging:
40 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 6.4 - 7.2 L water / 40 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 2.5 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3.5 - 7.5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

FİXA®
Ready-Mixed Machine Applied Plaster (Coarse)

Description:
Cement based, single component, ready mixed **coarse** plaster with chemical and fiber additives, applied **by machine** or manually.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- Surfaces such as brick, gas concrete, concrete, exposed concrete, pumice and briquette.

Advantages:
- Adheres strongly to the surface, does not fall off or sag.
- Can be applied both by machine and manually, practical.
- Saves time and labor as it is applied fast by machine.
- Reduces wear of augers when applied by machine, does not cause blockage.
- Does not crack due to its fiber content.
- Enables a homogenous finish as it is easy to spread over the surface and fills the gaps on the surface.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.
- Recommended for imperfect surfaces on which plaster application is required.

Consumption:
13 - 15 kg/m^2 (for 1 cm thickness)

Packaging:
40 kg kraft bags

Technical Properties	
Appearance	: Grey colored granule
Powder Density	: ~ 1.50 kg/L
Water Mixing Ratio	: 7.2 - 8 L water / 40 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3.5 - 7.5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

FİXA®

Ready-Mixed Machine Applied Plaster (Coarse) White

Description:
White cement based, single component, ready mixed **coarse** plaster with chemical and fiber additives, applied **by machine** or manually.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- Surfaces such as brick, gas concrete, concrete, exposed concrete, pumice and briquette.

Advantages:
- Adheres strongly to the surface, does not fall off or sag.
- Can be applied both by machine and manually, practical.
- Saves time and labor as it is applied fast by machine.
- Reduces wear of augers when applied by machine, does not cause blockage.
- Does not crack due to its fiber content.
- Enables a homogenous finish as it is easy to spread over the surface and fills the gaps on the surface.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.
- Recommended for imperfect surfaces on which plaster application is required.

Consumption:
13 - 15 kg/m^2 (for 1 mm thickness)

Packaging:
40 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.50 kg/L
Water Mixing Ratio	: 7.2 - 8 L water / 40 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3.5 - 7.5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

FİXA®

Ready-Mixed Hand Plaster (Fine)

Description:
Cement based, single component, ready-mixed **fine** plaster with chemical additives, applied manually or by **machine**.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- To obtain a flat surface prior to paint and decorative coatings on surfaces such as coarse plaster, concrete and exposed concrete.

Advantages:
- Provides a smooth surface.
- Saves time and labor.
- Adheres strongly to the surface, does not fall off or sag.
- Easily and quickly applied both manually or by machine.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.

Consumption:
1.4 - 1.7 kg/m^2 (for 1 mm thickness)

Packaging:
40 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 8.8 - 10.4 L water / 40 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 1 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 2 - 6 mm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

FİXA®

Ready-Mixed Hand Plaster (Fine) White

Description:
White cement based, single component, ready-mixed **fine** plaster with chemical additives, applied manually or by **machine**.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- To obtain a flat surface prior to paint and decorative coatings on surfaces such as coarse plaster, concrete and exposed concrete.

Advantages:
- Provides a smooth surface.
- Can be used without painting due to its white color.
- Gives the building a better look.
- Reduces paint consumption.
- Saves time and labor.
- Adheres strongly to the surface, does not fall off or sag.
- Easily and quickly applied both manually and by machine.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.

Consumption:
1.4 - 1.7 kg/m^2 (for 1 mm thickness)

Packaging:
40 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 8.8 - 10.4 L water / 40 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.40 N/mm^2 (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m^2.min$^{0.5}$) (EN 1015-18)
Water Vapor Perm.Coef. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 2 - 6 mm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

FİXA®
Cement Based Thin Satin Putty (White)

Description:
White cement based, single component, **fine satin finish putty** with chemical additives which covers all surface imperfections and prepares the surface to paint.

Application Areas:
- Indoor and outdoor,
- Wall and ceiling,
- Coarse plaster, fine plaster and concrete surfaces,
- Repairing fine cracks on the surface,
- As the top coat fine finishing plaster in order to have a smooth surface before painting.

Advantages:
- Provides a smooth surface.
- Does not crack since it has higher adherence and durability compared to gypsum and gypsum based materials.
- Can be used without painting due to its white color.
- Aesthetic and decorative, gives the building a better look.
- Reduces paint consumption.
- Covers the imperfections on the surface.
- Does not deteriorate after curing when it gets in contact with water since it is resistant to water and moisture.

Consumption:
Appr. 1 kg/m^2 (for 1 mm thickness)

Packaging:
20 kg kraft bag

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1 kg/L
Water Mixing Ratio	: 7 - 8 L water / 20 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; 3,5 - 7,5 N/mm^2 (EN 1015-11)
Adhesion Strength	: ≥ 0.4 N/mm^2 (EN 1015-12)
Application Thickness	: 1 - 3 mm
Time to Use	: 24 hours
Service Temperature	: Between -20°C and +70°C

FİXA®
Roof Ridge Adhesive Mortar

Description:
Cement based, single component, high performance adhesive mortar with chemical additives and high stability in **assembling roof ridges**.

Application Areas:
- Outdoor,
- Horizontal and vertical surfaces,
- Assembling and bonding of roof ridges,
- Bonding of red-colored rain gutters on the building.

Advantages:
- Decorative with its red or anthracite color.
- Does not crack due to its fiber content.
- Provides strong bonding.
- Resistant to water and frost and is not affected by changes in temperature.
- Provides high stability and does not sag in vertical applications.

Consumption:
600 g/1 piece of ridge

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Red or anthracite colored coarse powder
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 4.5 - 5.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2.5 - 3 hours
Application Temperature	: Between +5°C and +35°C
Shear Strength	: 0.3 N/mm^2 (TS EN 998-2 EK C-EN 771)
Walk on Time	: 24 hours
Service Temperature	: Between -30°C and +80°C

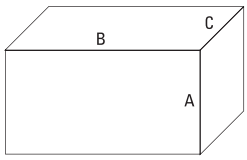
FİXA®
Gas Concrete Bonding Mortar

Description:
Cement based, high performance, single component **gas concrete** bonding mortar with chemical additives.

Application Areas:
- Indoor and outdoor,
- Bonding of construction elements with high water absorption, such as gas concrete and brick.

Advantages:
- Easy to apply.
- Resistant to water and frost.
- Respond to the water absorption characteristics of the gas concrete and does not dry quickly.

Consumption:



A (cm)	B (cm)	C (cm)	Consumption kg/m^2
20	50	20	5 - 7
20	70	20	5 - 7
30	50	15	3 - 5
30	70	15	4 - 5
30	50	20	4 - 6
30	70	20	4 - 6

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 7.5 - 8 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2.5 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: M10; ≥ 10 N/mm^2 28 days (EN 1015-11)
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

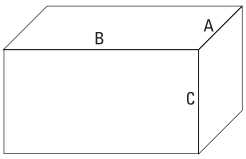
FİXA®
Pumice - Brick Bonding Mortar

Description:
Cement based, single component, polymer added adhesive mortar with high adhesion properties for **pumice** and **brick**.

Application Areas:
- Indoor and outdoor,
- Masonry works with pumice blocks, concrete blocks and bricks.

Advantages:
- Saves material, labor and time compared to traditional mortars.
- Prevents thermal bridge formation with thin joint application.
- Provides long working time.
- Has easy mixing and workability properties.
- Provides advantages in both horizontal and vertical applications.

Consumption:



A (cm)	B (cm)	C (cm)	Consumption kg/m²
9	39	24	5.5 - 7.5
14	49	24	6.5 - 8.5
19	49	24	7.5 - 9.5
24	49	24	11.5 - 13.5
9	39	19	4.5 - 6.5

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored granule
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 4 - 5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: 10 N/mm² M10 (EN 1015-11)
Service Temperature	: Between -20°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

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CONSTRUCTION CHEMICALS

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