

# Thermal Insulation Systems & Cement Based Plasters and Bonding Mortars

## 2023



**FIXA<sup>®</sup>**  
CONSTRUCTION CHEMICALS





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In today's world, modern buildings are meeting not only the housing needs of people but also respond to their aesthetics, comfort and safety needs. Technologically advanced buildings raise the living standards of their residents and ensure that they live a happy life. Construction chemicals play a key role in this comfort.

FIXA CONSTRUCTION CHEMICALS was founded in 2001 in Istanbul with the belief that advanced technology buildings can only be constructed with high technology chemicals.

FIXA is one of the leading companies in its industry with its investment in research and development. Today, FIXA Construction Chemicals has an annual capacity of 350,000 tons of powder and 5,000 tons of liquid chemical production in its 3 factories (Istanbul 2001, Adana 2009 and Ankara 2011). With its MS hybrid, polyurethane and silicone production facility completed in 2013, FIXA provides highest technology products to the Turkish construction industry.

IGLOO Thermal Insulation Systems, a subsidiary of FIXA, was established in Istanbul in 2011 and with an annual production capacity of 350,000 m<sup>3</sup>, it produces high quality white and grey EPS for the thermal insulation industry in Türkiye.

FIXA respects Quality Control Systems as well as R&D and continuous training, to keep the highest standards in production and meet customer needs and expectations. All raw and semi-finished materials which affect the product quality and the finished products are object to required controls before shipment. In addition to TSE and CE, FIXA also has the ISO 9001:2015 Quality Management System Certificate for its products as well as other quality control certificates demanded in many markets.

FIXA also offers service to its customers with expert and professional sales and support teams to ensure the right product usage and application.

FIXA considers all its dealers as its business partners. In addition to its large dealer network throughout the country, FIXA continuously increases its exports with the distributorship network it has established in more than 30 countries in 4 continents.

Today FIXA offers high quality products for the construction industries both in Türkiye and in the world, in 11 different groups: 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 in its fully automated production facilities in Istanbul, Ankara and Adana.



# OUR FACILITIES

## CONSTRUCTION CHEMICALS

### Istanbul Factory

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



### Adana Factory

Total Area	3,500 m <sup>2</sup>
Closed Area	2,500 m <sup>2</sup>
Production Capacity	80,000 ton/year (powder product)



### Ankara Factory

Total Area	7,200 m <sup>2</sup>
Closed Area	4,800 m <sup>2</sup>
Production Capacity	120,000 ton/year (powder product)



## EPS

### Istanbul Factory

Total Area	4,500 m <sup>2</sup>
Closed Area	5,000 m <sup>2</sup>
Production Capacity	350,000 m <sup>3</sup> /year (EPS)



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# THERMAL INSULATION SYSTEMS





## FIRSTLEVEL® Multi-Purpose Primer

### Description:

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

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- For increasing adherence prior to adhesive, plaster and decorative plaster applications,
- For protecting water absorbent surfaces such as gypsum-plaster, gypsum plywood, 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<sup>2</sup> (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	: -30°C / +80°C



## DECOPRIMER® Decorative Plaster Primer

### Description:

**Acrylic dispersion** based, single-component, white colored, waterborne **primer** with high covering properties which can be used under all cement-based interior and exterior cladding materials.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- For increasing 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.
- Has covering power.
- 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<sup>2</sup> (Varies depending on the application surface.)

### Packaging:

15 kg plastic buckets

#### Technical Properties

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



## AKRILAN® 700 Acrylic Adhesive for Thermal Insulation Systems

### Description:

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

### Application Areas:

- Indoor and outdoor,
- Mineral based surfaces,
- Bonding 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. Unlike cement based products, it does not create dust.
- 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 plates on painted surfaces, especially indoor.
- Resistant to moisture.
- Applied easily and saves labor.
- Allows water vapor permeability.

### Consumption:

3.5 - 4 kg/m<sup>2</sup> (Varies depending on the application surface.)

### Packaging:

15 kg plastic buckets

#### Technical Properties

Appearance	: White colored, acrylic based dispersion
Density	: ~ 1.50 kg/L
Application Temperature	: Between +5°C and +35°C
Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> (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	: -30°C / +80°C



## PU 961 PU Adhesive Foam

### Description:

Single component, **polyurethane foam** which is cured very fast with the humidity 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 EPS and XPS boards used in thermal insulation systems,
- Bonding and fixing materials such as wood, concrete, metal, brick etc.
- Bonding decorative construction elements such as frames of coated EPS used on facades,
- Applications where minimum expansion of foam is required,
- Mounting and isolating 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 effective.
- Water impermeable, mould resistant and overpaintable.
- Ready to use.
- Does not contain propellant gases harmful to ozone layer.

### Consumption:

40 - 50 L/1000ml (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/cm <sup>3</sup> (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	: -40°C / +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 thermal insulation boards (EPS,XPS and stone wool) on concrete, brick, gas concrete and similar surfaces with rough and thin 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/m<sup>2</sup>  
For stone wool : 4 - 5 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

### Technical Properties

Appearance	: Grey colored fine powder
Powder Density	: ~ 1.50 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 above of 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar:	≥ 1000 kg/m <sup>3</sup> (TS EN 1015-6)
Flexural Strength	≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to the Substrate	≥ 0.5 N/mm <sup>2</sup> (TS EN 1015-12)
Adhesion Strength to Thermal Insulation Board	≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: After 30 minutes; ≤ 5 g After 240 minutes; ≤ 10 g (TS EN 12808-5)
Service Temperature	: -20°C / +70°C

## STRAFIX® Stone Wool Adhesive Mortar

### Description:

Cement-based, polymer added, high performance, flexible **adhesive** mortar with high stability, for **stone wool** thermal insulation boards.

### Application Areas:

- Indoor and outdoor,
- Bonding stone wool thermal insulation boards on concrete, brick, gas concrete and similar surfaces with rough and thin 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:

4 - 5 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

### Technical Properties

Appearance	: Grey colored fine powder
Powder Density	: ~ 1.50 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 above of 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar:	≥ 1000 kg/m <sup>3</sup> (TS EN 1015-6)
Flexural Strength	≥ 4 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	≥ 12 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to the Substrate	≥ 0.5 N/mm <sup>2</sup> (TS EN 1015-12)
Adhesion Strength to Thermal Insulation Board	≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: After 30 minutes; ≤ 5 g After 240 minutes; ≤ 10 g (TS EN 12808-5)
Service Temperature	: -30°C / +80°C



## PROX® 540 Thermal Insulation Board Adhesive Mortar

### Description:

Cement-based **adhesive** mortar for thermal insulation boards.

### Application Areas:

- Indoor and outdoor,
- Bonding thermal insulation boards (EPS and XPS) on concrete, brick, gas concrete and similar surfaces with rough and thin 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/m<sup>2</sup> (Varies depending on the application method.)

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.50 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 above of 1 mm sieve ≤ 1% (TS EN 1015-1)
Bulk Density of Fresh Mortar:	≥ 1000 kg/m <sup>3</sup> (TS EN 1015-6)
Flexural Strength	: ≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to the Substrate	: ≥ 0.5 N/mm <sup>2</sup> (TS EN 1015-12)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: After 30 minutes; ≤ 5 g After 240 minutes; ≤ 10 g (TS EN 12808-5)
Service Temperature	: -20°C / +70°C



## 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 directly be overpainted.

### Consumption:

3 - 4 kg/m<sup>2</sup> (Varies depending on the application method.)

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.50 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 above of 1 mm sieve ≤ 1.0% (TS EN 1015-1)
Bulk Density of Fresh Mortar:	≥ 1150 kg/m <sup>3</sup> (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m <sup>3</sup> (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ <sub>0</sub> W/mK (TS EN 1745 - Table A12)(P50%)
Service Temperature	: -20°C / +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 directly be overpainted.

### Consumption:

4 - 5 kg/m<sup>2</sup> (Varies depending on the application method.)

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored coarse powder
Powder Density	: ~ 1.60 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 <sup>3</sup> (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m <sup>3</sup> (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ <sub>0</sub> W/mK (TS EN 1745 - Table A12)(P50%)
Service Temperature	: -20°C / +70°C



## STRAFIX® Thermal Insulation Board Adhesive and Plastering Mortar

### Description:

Cement based, polymer added, high performance, flexible **adhesive** and **plastering** mortar for thermal insulation boards.

### Application Areas:

- Indoor and outdoor,
- Adhesion and plastering of 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, is flexible.
- Provides high stability, does not sag and crack.
- Water vapor permeable, allows the surface to breathe.
- Can directly be overpainted.
- Allows adhesion and plastering with a single product.

### Consumption:

4 - 5 kg/m<sup>2</sup> (Varies depending on the application method.)

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored powder
Powder Density	: ~ 1.55 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
As an Adhesive Mortar:	
Open Time	: 15 minutes
Fixing with Wall Plugs	: Minimum 24 hours later
Plaster Application Time	: 1 - 2 days later
Adhesion Strength to the Substrate	: ≥ 0.5 N/mm <sup>2</sup> (TS EN 1015-12)
As a Plastering Mortar:	
Flexural Strength	: ≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (TS EN 1015-18)
Water Vapor Permeability	
Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Service Temperature	: -20°C / +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**. It is applied with a trowel.

### Application Areas:

- As a top coat decorative coating material in thermal insulation systems,
- Top of 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 top of it.
- Fine granular texture reduces product consumption.

### Consumption:

2.25 - 2.75 kg/m<sup>2</sup> (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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W2; C≤0.20 kg/(m <sup>2</sup> .minute <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Permeability (μ)	: ≤ 15 (EN 1015 - 19)
Application Thickness	: ~ 1.5 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: -20°C / +70°C

## 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**. It is applied with a trowel.

### Application Areas:

- As a top coat decorative coating material in thermal insulation systems,
- Top of 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 top of it.

### Consumption:

2.50 - 3.50 kg/m<sup>2</sup> (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 III; ≥ 3.5 - 7.5 N/mm <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W2; C≤0.20 kg/(m <sup>2</sup> .minute <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Permeability (μ)	: ≤ 15 (EN 1015 - 19)
Application Thickness	: ~ 2 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: -20°C / +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. It is applied with a trowel.

#### Application Areas:

- As a top coat decorative coating material in thermal insulation systems,
- Top of 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 top of it.

#### Consumption:

2.4 - 3 kg/m<sup>2</sup> (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 III; ≥ 3.5 – 7.5 N/mm <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W2; C≤0.20 kg/(m <sup>2</sup> .minute <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Permeability (μ)	: ≤ 15 (EN 1015 - 19)
Application Thickness	: ~ 2 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: -20°C / +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. It is applied with a trowel.

#### Application Areas:

- As a top coat decorative coating material in thermal insulation systems,
- Top of 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 top of it.

#### Consumption:

3 - 3.5 kg/m<sup>2</sup> (Varies depending on the application surface.)

#### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored granule
Powder Density	: ~ 1.40 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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W2; C≤0.20 kg/(m <sup>2</sup> .minute <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Permeability (μ)	: ≤ 15 (EN 1015 - 19)
Application Thickness	: 2 - 3 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: -20°C / +70°C

## PROX® 550

### Thermal Insulation Board Plastering Mortar - Fiber Supported (Fine)

#### Description:

Cement based, **fiber-supported, fine aggregated plastering** mortar 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 perfect 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 directly be overpainted.

#### Consumption:

3 - 4 kg/m<sup>2</sup> (Varies depending on the application method.)

#### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.50 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 ≤ 1.0% (TS EN 1015-1)
Bulk Density of Fresh Mortar	: ≥ 1150 kg/m <sup>3</sup> (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m <sup>3</sup> (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (TS EN 1015-18)
Water Vapor Permeability	
Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ <sub>a</sub> W/mK (TS EN 1745 - Table A12)(P50%)
Service Temperature	: -20°C / +70°C



## PROX® 552 Thermal Insulation Board Plastering Mortar - Fiber Supported (Coarse)

### Description:

Cement based, **fiber-supported, coarse aggregated plastering mortar** 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 perfect 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 directly be overpainted.

### Consumption:

4 - 5 kg/m<sup>2</sup> (Varies depending on the application method.)

### Packaging:

25 kg kraft bags

### Technical Properties

Appearance	: Grey colored coarse powder
Powder Density	: ~ 1.60 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 <sup>3</sup> (TS EN 1015-6)
Dry Bulk Density of Hardened Mortar	: 1400 ± 200 kg/m <sup>3</sup> (TS EN 1015-10)
Flexural Strength	: ≥ 2 N/mm <sup>2</sup> (TS EN 1015-11)
Compressive Strength	: ≥ 6 N/mm <sup>2</sup> (TS EN 1015-11)
Adhesion Strength to Thermal Insulation Board	: ≥ 0.08 N/mm <sup>2</sup> (TS EN 13494)
Water Absorption	: ≤ 0.5 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (TS EN 1015-18)
Water Vapor Permeability Coefficient (μ)	: ≤ 15 (TS EN 1015-19)
Thermal Conductivity	: 0.61 λ <sub>0</sub> W/mK (TS EN 1745 - Table A12)(P50%)
Service Temperature	: -20°C / +70°C



## PROX® 581 Decorative Plaster Mineral Textured - White (Fine)

### Description:

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

### Application Areas:

- As a top coat decorative coating material in thermal insulation systems,
- Top of 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 top of it.
- Fine granular texture reduces product consumption.

### Consumption:

2.25 - 2.75 kg/m<sup>2</sup> (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 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS III; ≥ 3.5 - 7.5 N/mm <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W2; C≤0.20 kg/(m <sup>2</sup> .minute <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Permeability (μ)	: ≤ 15 (EN 1015 - 19)
Application Thickness	: ~ 1.5 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: -20°C / +70°C



## PROX® 582 Decorative Plaster Mineral Textured - White (Coarse)

### Description:

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

### Application Areas:

- As a top coat decorative coating material in thermal insulation systems,
- Top of 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 top of it.

### Consumption:

2.50 - 3.50 kg/m<sup>2</sup> (Varies depending on the application surface.)

### Packaging:

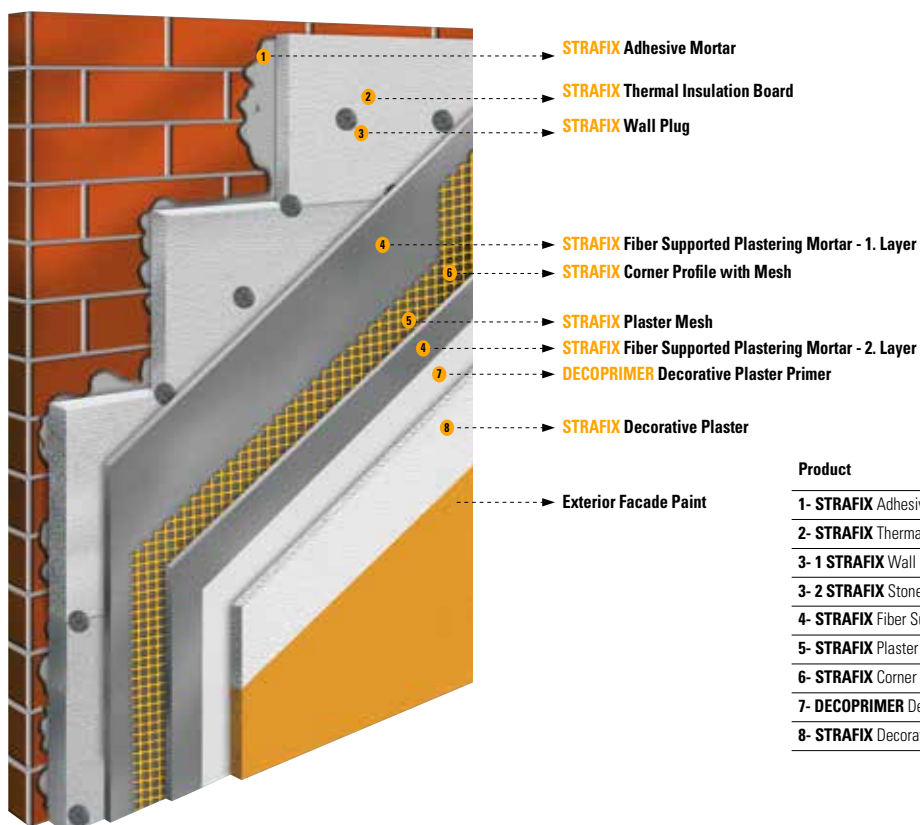
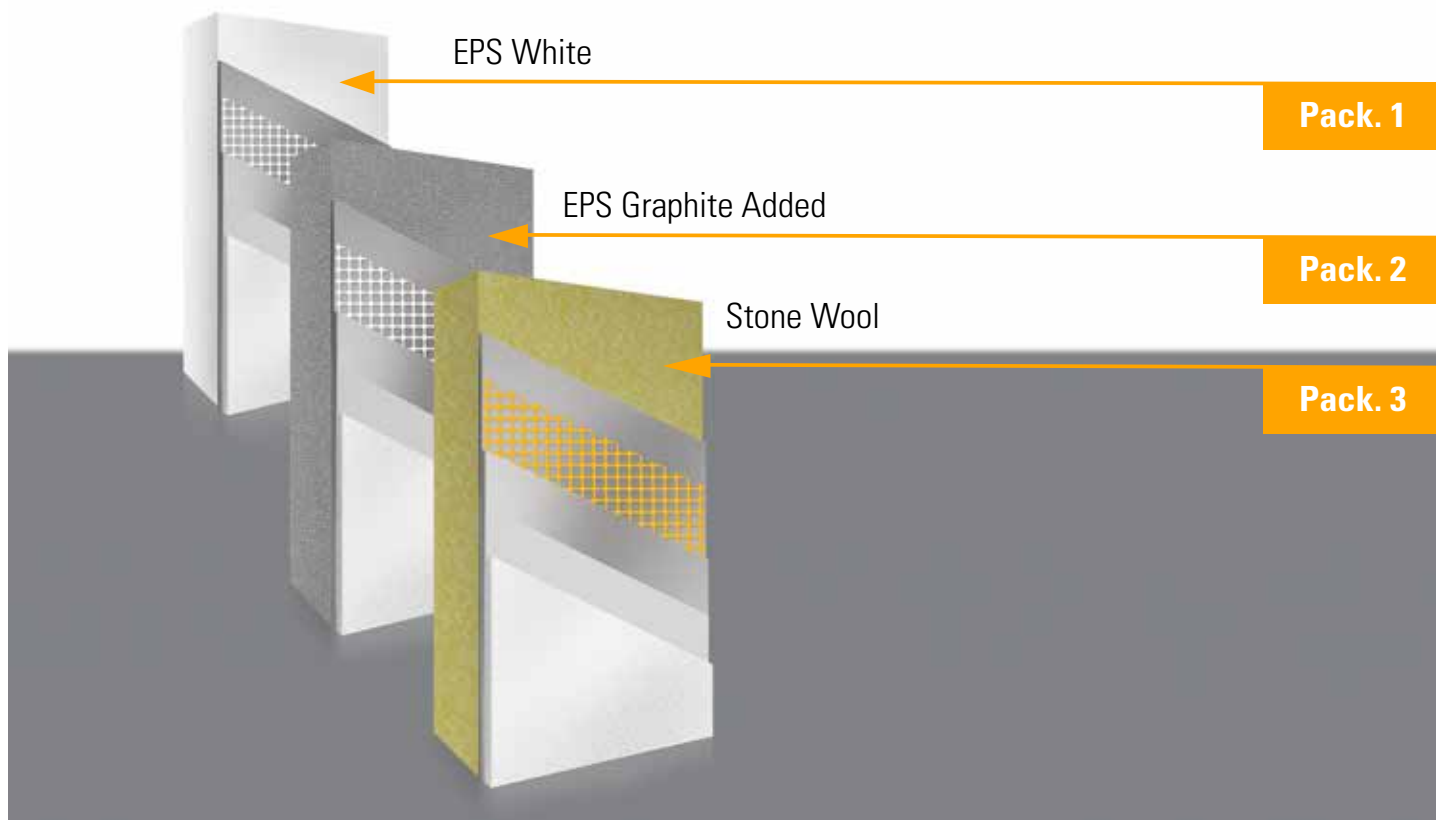
25 kg kraft bags

### 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 III; ≥ 3.5 - 7.5 N/mm <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.45 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W2; C≤0.20 kg/(m <sup>2</sup> .minute <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Permeability (μ)	: ≤ 15 (EN 1015 - 19)
Application Thickness	: ~ 2 mm
Complete Drying Time	: 1 - 2 days
Service Temperature	: -20°C / +70°C

## STRAFIX® THERMAL INSULATION SYSTEMS

**STRAFIX Thermal Insulation Systems** are developed by FIXA Construction Chemicals for **reliable, longlasting and economical insulation**. **STRAFIX Thermal Insulation Systems** provide you up to **50% energy savings** and reduces your expenditures by protecting both from heat and cold and allowing the heat to be evenly distributed in the building. There are **3** types of packages:



Product	m <sup>2</sup> /Consumption (EPS)	m <sup>2</sup> /Consumption (Stone Wool)
1- STRAFIX Adhesive Mortar	4 kg/m <sup>2</sup>	5 kg/m <sup>2</sup>
2- STRAFIX Thermal Insulation Board	1 m <sup>2</sup>	1 m <sup>2</sup>
3- 1 STRAFIX Wall Plug	6 pieces	-
3- 2 STRAFIX Stone Wool Plug	-	6 pieces
4- STRAFIX Fiber Supported Plastering	5 kg/m <sup>2</sup>	5 kg/m <sup>2</sup>
5- STRAFIX Plaster Mesh	1.1 m <sup>2</sup>	1.1 m <sup>2</sup>
6- STRAFIX Corner Profile with Mesh	0.25 mt	0.25 mt
7- DECOPRIMER Decorative Plaster Primer	0.10 kg/m <sup>2</sup>	0.10 kg/m <sup>2</sup>
8- STRAFIX Decorative Plaster	2.7 kg/m <sup>2</sup>	2.7 kg/m <sup>2</sup>

*Consumption rates are given for 1 m<sup>2</sup>. Please consult FIXA Construction Chemicals for further information.*



# 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-plywood, 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<sup>2</sup> (Varies depending on the absorption and roughness of the application surface.)

### Packaging:

12 kg plastic buckets

Technical Properties	
Appearance	: Blue 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	: Min. 0.15 mm, Max. 0.30 mm
Curing Time	: ~ 24 hours
Service Temperature	: -20°C / +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 concrete surfaces, prior to application of cement or gypsum based plaster mortars,
- To protect water absorbent surfaces such as gypsum-plaster, gypsum-plywood, 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 if 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<sup>2</sup> (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	: Min. 0.15 mm, Max. 0.50 mm
Curing Time	: ~ 24 hours
Service Temperature	: -20°C / +80°C

## PERFIX® Insulation Plaster with Perlite (White)

**Description:**  
**White** cement based insulation plaster with **perlite** with increased 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<sup>2</sup> (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	: ~ +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 <sup>2</sup> .min <sup>0.5</sup> ) (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	: -20°C / +80°C



## FIXA® Ready-Mixed Hand Plaster (Coarse) Fiber Supported

### 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 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<sup>2</sup> (for 1 cm thickness)

### Packaging:

40 kg kraft bags

Technical Properties	
Appearance	: Grey colored powder
Powder Density	: ~ 1.50 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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Perm.Coeff. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® Ready-Mixed Hand Plaster (Coarse) Fiber Supported 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 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<sup>2</sup> (for 1 cm thickness)

### Packaging:

40 kg kraft bags

Technical Properties	
Appearance	: White colored powder
Powder Density	: ~ 1.45 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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Perm.Coeff. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® Ready-Mixed Machine Applied Fiber Supported Plaster (Coarse)

### Description:

Cement based, single component, ready-to-use **coarse** plaster with chemical and fiber additives, applied **with 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 or sag.
- Can be applied both with machine and manually, practical.
- Saves time and labor as it is applied fast with machine.
- Reduces wear of augers when applied with 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 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<sup>2</sup> (for 1 cm thickness)

### Packaging:

40 kg kraft bags

Technical Properties	
Appearance	: Grey colored powder
Powder Density	: ~ 1.40 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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Perm.Coeff. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C



## FIXA® Ready-Mixed Machine Applied Fiber Supported Plaster (Coarse) White

### Description:

**White** cement based, single component, ready-to-use **coarse** plaster with chemical and fiber additives, applied **with machine** or manually.

### Application Areas:

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

### Advantages:

- Aesthetic and decorative, gives the building a better look.
- Adheres strongly to the surface, does not fall or sag.
- Can be applied both with machine and manually, practical.
- Saves time and labor as it is applied fast with machine.
- Reduces wear of augers when applied with 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 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<sup>2</sup> (for 1 mm thickness)

### Packaging:

40 kg kraft bags

Technical Properties	
Appearance	: White colored powder
Powder Density	: ~ 1.40 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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.2 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Perm.Coeff. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 1 - 3 cm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® 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 coverings 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 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<sup>2</sup> (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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Perm.Coeff. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 2 - 6 mm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® 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 coverings 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 or sag.
- Easily and quickly applied both manually and by machine as well.
- 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<sup>2</sup> (for 1 mm thickness)

### Packaging:

40 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.35 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 <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> (EN 1015-12)
Capillary Water Absorption	: W1; C ≤ 0.40 kg/(m <sup>2</sup> .min <sup>0.5</sup> ) (EN 1015-18)
Water Vapor Perm.Coeff. (μ)	: ≤ 25 (EN 1015-19)
Application Thickness	: 2 - 6 mm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C



## FIXA® Cement Based Thin Satin Putty (White)

### Description:

White cement based, single component, **thin satin 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 soften after curing when it gets in contact with water since it is resistant to water and moisture.

### Consumption:

Appr. 1 kg/m<sup>2</sup> (for 1 mm thickness)

### Packaging:

20 kg kraft bag

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.02 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 IV; ≥ 6 N/mm <sup>2</sup> (EN 1015-11)
Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> (EN 1015-12)
Application Thickness	: 1 - 3 mm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® Roof Ridge Adhesive Mortar

### Description:

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

### Application Areas:

- Outdoor,
- Horizontal and vertical surfaces,
- Assembling and bonding of roof ridges,
- Bonding red color arris gutters on the building.

### Advantages:

- Decorative with its red 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 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 <sup>2</sup> (TS EN 998-2 EK C-EN 771)
Walk on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## FIXA® Gas Concrete Bonding Mortar

### Description:

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

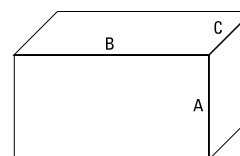
### Application Areas:

- Indoor and outdoor,
- Bonding 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)	kg/m <sup>2</sup>
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 <sup>2</sup> 28 days (EN 1015-11)
Service Temperature	: -20°C / +70°C







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