

# Tile and Ceramic Adhesives & Tile Grouts

## 2023



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





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

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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# TILE and CERAMIC ADHESIVES





## FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE

### Description:

Cement-based, single-component, polymer-added, extra-featured powder mortar with **reduced slip** and **long working time**, used for bonding tiles and ceramics.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding small and medium size floor and wall ceramics and similar materials with more than 3% water absorption rate.

### Advantages:

- Easy to apply.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied plates.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.

### Consumption:

3.5 - 4 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	: 6 - 7 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2.5 - 3 hours
Extended Open Time Tensile Adhesion Strength (EN 1346)	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE (White)

### Description:

**White** cement-based, single-component, polymer-added, extra-featured powder mortar with **reduced slip** and **long working time**, used for bonding tiles and ceramics.

### Application Areas:

- Indoor and outdoor
- Horizontal and vertical surfaces
- Bonding small and medium size floor and wall ceramics, mosaic and similar materials with more than 3% water absorption rate.

### Advantages:

- Easy to apply.
- Decorative with its white color.
- Enables to start the tile grout application quickly as it has the same color as the white tile grout.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied plates.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.

### Consumption:

3.5 - 4 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 6 - 7 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 2.5 hours
Extended Open Time Tensile Adhesion Strength (EN 1346)	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE

### Description:

Cement-based, single-component, polymer-added, high performance powder mortar with **reduced slip** and **long working time**, used for bonding covering materials such as granite and ceramics.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding covering materials such as medium and large size floor and wall ceramics, granite, granite ceramics, marble, clinker, mosaics, decorative brick, natural stone, travertine on concrete, plaster and screed surfaces in wet areas such as bathrooms and kitchens.

### Advantages:

- Saves labor and time with its long workability time.
- Has high adherence strength.
- Allows sufficient time to adjust applied plates.
- Spread to the surface and combed easily with a trowel.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.
- Allows working with various covering materials in different sizes.
- Covers large areas with less material and gives less load to the structure.

### Consumption:

3 - 4 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	: 7 - 7.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 6 hours
Extended Open Time Tensile Adhesion Strength (EN 1346)	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C



## FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE (White)

### Description:

**White** cement-based, single-component, polymer-added, high performance powder mortar with **reduced slip** and **long working time**, used for bonding covering materials such as granite and ceramics.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding covering materials such as medium and large size floor and wall ceramics, granite, granite ceramics, marble, clinker, mosaics, decorative brick, natural stone, travertine on concrete, plaster and screed surfaces in wet areas such as bathrooms and kitchens.

### Advantages:

- Decorative with its white color.
- Enables to start the tile grout application quickly as it has the same color as the white tile grout.
- Saves labor and time with its long workability time.
- Has high adherence strength.
- Allows sufficient time to adjust applied plates.
- Spread to the surface and combed easily with a trowel.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.
- Allows working with various covering materials in different sizes.
- Covers large areas with less material and gives less load to the structure.

### Consumption:

3 - 4 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 7 - 7.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 5 - 6 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C



## FIXA® Tile and Ceramic Adhesive Mortar C1T

### Description:

Cement-based, single-component powder mortar with **reduced slip**, used for bonding tiles and ceramics.

### Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding small and medium size floor and wall ceramics with more than 3% water absorption rate,
- Covering materials with a maximum size of 33 x 33 cm.

### Advantages:

- Easy to apply.
- Economical.
- Does not sag in vertical applications.

### Consumption:

3.5 - 4 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 Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C



## FIXA® Tile and Ceramic Adhesive Mortar C1T (White)

### Description:

**White** cement-based, single-component powder mortar with **reduced slip**, used for bonding tiles and ceramics.

### Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding small and medium size floor and wall ceramics with more than 3% water absorption rate,
- Covering materials with a maximum size of 33 x 33 cm.

### Advantages:

- Easy to apply.
- Economical.
- Decorative with its white color.
- Enables to start the tile grout application quickly as it has the same color as the white tile grout.
- Does not sag in vertical applications.

### Consumption:

3.5 - 4 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1.5 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C



## PROX® 910 Tile and Ceramic Adhesive Mortar C1T

### Description:

Cement-based, single-component powder mortar for bonding tiles and ceramics.

### Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding small and medium size floor and wall ceramics with more than 3% water absorption rate,
- Covering materials with a maximum size of 33 x 33 cm.

### Advantages:

- Easy to apply.
- Economical.
- Does not sag in vertical applications.

### Consumption:

3.5 - 4 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 minutes
Pot Life	: 1.5 - 2 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes $\geq 0.5$ N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: $\geq 0.5$ N/mm <sup>2</sup> 28 days (EN 1348)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C

## PROX® 911 Tile and Ceramic Adhesive Mortar C1T (White)

### Description:

**White** cement-based, single-component powder mortar for bonding tiles and ceramics.

### Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding small and medium size floor and wall ceramics with more than 3% water absorption rate,
- Covering materials with a maximum size of 33 x 33 cm.

### Advantages:

- Easy to apply.
- Economical.
- Decorative with its white color.
- Enables to start the tile grout application quickly as it has the same color as the white tile grout.
- Does not sag in vertical applications.

### Consumption:

3.5 - 4 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 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 Tensile Adhesion Strength	: After min. 20 minutes $\geq 0.5$ N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: $\geq 0.5$ N/mm <sup>2</sup> 28 days (EN 1348)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C

## FIXA® Fast Setting Tile and Ceramic Adhesive Mortar C1FT

### Description:

Cement based, single component, polymer added, **fast setting**, high performance and stability powder adhesive mortar **with reduced slip (C1FT)**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding small and medium size floor and wall ceramics and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Sets fast and gains its strength in 6 hours, allows tile grouting in 3 - 4 hours.
- Provides strong bonding.
- Resistant to water and frost and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: 6.5 - 6.75 L water / 25 kg powder
Resting Period	: 2 - 3 minutes
Pot Life	: 25 - 30 minutes
Application Temperature	: Between +5°C and +35°C
Early Tensile Adhesion Strength	: After 6 hours $\geq 0.5$ N/mm <sup>2</sup> (EN 1348)
Open Time Tensile Adhesion Strength	: After Min. 10 minutes $\geq 0.5$ N/mm <sup>2</sup> (EN 1346)
Tensile Adhesion Strength	: $\geq 0.5$ N/mm <sup>2</sup> (28 days) (EN 1348)
Slip	: $\leq 0.5$ mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: -30°C / +80°C



## FIXA® Fast Setting Tile and Ceramic Adhesive Mortar C1FT (White)

### Description:

**White** cement based, single component, polymer added, **fast setting**, high performance and stability powder adhesive mortar **with reduced slip (C1FT)**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding small and medium size floor and wall ceramics and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Sets fast and gains its strength in 6 hours, allows tile grouting in 3 - 4 hours.
- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Provides strong bonding.
- Resistant to water and frost and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 6.75 - 7 L water / 25 kg powder
Resting Period	: 2 - 3 minutes
Pot Life	: 25 - 30 minutes
Application Temperature	: Between +5°C and +35°C
Early Tensile Adhesion Strength	: After 6 hours ≥ 0.5 N/mm <sup>2</sup> (EN 1348)
Open Time Tensile Adhesion Strength	: After Min. 10 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Tensile Adhesion Strength	: ≥ 0.5 N/mm <sup>2</sup> (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: -30°C / +80°C

## FIXA® Granite Ceramic Adhesive Mortar C2T

### Description:

Cement based, single component, polymer added, **flexible**, high performance and stability powder adhesive mortar **with reduced slip**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramic, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Flexible and provides strong bonding.
- Resistant to water and frost and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: ~ 2.5 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## FIXA® Granite Ceramic Adhesive Mortar C2T (White)

### Description:

**White** cement based, single component, polymer added, **flexible**, high performance and stability powder adhesive mortar **with reduced slip**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramic, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Flexible and provides strong bonding.
- Resistant to water and frost and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White 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 Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C



## FIXA® FLEX Granite Ceramic Adhesive Mortar C2TE

### Description:

Cement-based, single-component, polymer-added, **very flexible** high performance and stability powder mortar with **reduced slip** and **long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Very flexible and provides strong bonding.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Resistant to water and frost, and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: ~ 2.5 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## FIXA® FLEX Granite Ceramic Adhesive Mortar C2TE (White)

### Description:

**White** cement-based, single-component, polymer-added, **very flexible** high performance and stability powder mortar with **reduced slip** and **long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces,
- Bonding glass mosaics.

### Advantages:

- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Very flexible and provides strong bonding.
- Resistant to water and frost, and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## PROX® 950 FLEX Granite Ceramic Adhesive Mortar C2TE

### Description:

Cement-based, single-component, polymer-added, **flexible** high performance and stability powder mortar with **reduced slip** and **long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Flexible and provides strong bonding.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Resistant to water and frost, and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: ~ 2.5 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C



## PROX® 951 FLEX Granite Ceramic Adhesive Mortar C2TE (White)

### Description:

**White** cement-based, single-component, polymer-added, **flexible** high performance and stability powder mortar with **reduced slip** and **long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces,
- Bonding glass mosaics.

### Advantages:

- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Flexible and provides strong bonding.
- Resistant to water and frost, and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

### Technical Properties

Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C



## HIGHFLEX® Granite Ceramic Adhesive Mortar C2TES1

### Description:

Cement-based, single-component, polymer-added, **S1 class very flexible** high performance and stability powder mortar with **reduced slip** and **long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Places exposed to temperature changes, such as cold storage depots, flash freezing facilities and floor heating systems,
- Places exposed to water and outdoor weather conditions, such as pools, water tanks, terraces and balconies,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Very flexible and provides strong bonding.
- Has transverse deformation property.
- Resistant to water and frost, and to the tensions on the surface that are caused by sudden temperature changes.
- Provides long working time, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: 2.5 - 3 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Transverse Deformation	: ≥ 2.5 mm and < 5 mm (EN 12002)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C



## HIGHFLEX® Granite Ceramic Adhesive Mortar C2TES1(White)

### Description:

**White** cement-based, single-component, polymer-added, **S1 class very flexible** high performance and stability powder mortar with **reduced slip** and **long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker, glass mosaic and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Places exposed to temperature changes, such as cold storage depots, flash freezing facilities and floor heating systems,
- Places exposed to water and outdoor weather conditions, such as pools, water tanks, terraces and balconies,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Very flexible and provides strong bonding.
- Has transverse deformation property.
- Resistant to water and frost, and to the tensions on the surface that are caused by sudden temperature changes.
- Provides long working time, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

### Technical Properties

Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 2.5 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Transverse Deformation	: ≥ 2.5 mm and < 5 mm (EN 12002)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C



## HIGHFLEX® PRO Granite Ceramic Adhesive Mortar C2TES2

**Description:**  
Cement-based, single-component, polymer-added, **S2 class very flexible** high performance and stability powder mortar with **reduced slip** and **long working time**, with superior qualities.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Places exposed to temperature changes, such as cold storage depots, flash freezing facilities and floor heating systems,
- Places exposed to water and outdoor weather conditions, such as pools, water tanks, terraces and balconies,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Very flexible and provides strong bonding.
- Has transverse deformation property.
- Resistant to water and frost, and to the tensions on the surface that are caused by sudden temperature changes.
- Provides long working time, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: 2.5 - 3 hours
Extended Open Time Tensile Adhesion Strength (EN 1346)	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Transverse Deformation	: ≥ 5 mm (EN 12002)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## HIGHFLEX® PRO Granite Ceramic Adhesive Mortar C2TES2 (White)

**Description:**  
**White** cement-based, single-component, polymer-added, **S2 class very flexible** high performance and stability powder mortar with **reduced slip** and **long working time**, with superior qualities.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramics, granite, granite ceramic, marble, clinker, glass mosaic and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Places exposed to temperature changes, such as cold storage depots, flash freezing facilities and floor heating systems,
- Places exposed to water and outdoor weather conditions, such as pools, water tanks, terraces and balconies,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Very flexible and provides strong bonding.
- Has transverse deformation property.
- Resistant to water and frost, and to the tensions on the surface that are caused by sudden temperature changes.
- Provides long working time, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 2.5 hours
Extended Open Time Tensile Adhesion Strength (EN 1346)	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Transverse Deformation	: ≥ 5 mm (EN 12002)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## HIGHFLEX® FLUID Granite Ceramic Adhesive Mortar C2ES1

**Description:**  
Cement-based, single-component, polymer-added, **S1 class very flexible**, high performance and stability powder mortar with **reduced slip** and **long working time** which is easy to apply thanks to its **fluidity**.

### Application Areas:

- Indoor and outdoor,
- Horizontal surfaces; concrete, screed or cement-bonded particle boards and insulation panels such as stone wool, expanded and extruded,
- Bonding large size floor tiles, granite, granite ceramic, marble, clinker, decorative bricks, glass mosaics, terra cotta and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic, such as work places, shopping malls, schools and hospitals,
- Industrial places exposed to heavy loads such as factories or plants,
- Places exposed to temperature changes, such as cold storage depots, flash freezing facilities and floor heating systems,
- Places exposed to water and outdoor weather conditions, such as pools, water tanks, terraces and balconies,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Very flexible and provides strong bonding.
- Has transverse deformation property.
- Resistant to water and frost, and to the tensions on the surface that are caused by sudden temperature changes.
- Can correct the cavities and defects up to 5 mm.
- Provides long working time, saves time and labor.
- Allows sufficient time to adjust applied plates.
- Provides high stability and is easy to apply on floors with its fluid form.
- Ensures the back side of the ceramics and all types of natural stones are covered, thanks to its consistency.
- Makes the levelling of ceramics and natural stones easy while laying.

### Consumption:

2 - 4 kg/m<sup>2</sup> (Varies depending on the application surface and trowel notch size.)

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.30 kg/L
Water Mixing Ratio	: 7 L water / 25 kg powder
Resting Period	: 2 - 3 minutes
Pot Life	: ~ 2 hours
Extended Open Time Tensile Adhesion Strength (EN 1346)	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Transverse Deformation	: ≥ 2.5 mm and < 5 mm (EN 12002)
Walk-on Time	: ~ 6 hours
Service Temperature	: -30°C / +80°C





## FIXA® FLEX Granite Ceramic Adhesive Mortar C2TES1 (Double Component)

### Description:

**Double-component**, very strong and flexible adhesive with **reduced slip** and **long working time**. Component A is a cement based, polymer added powder mortar, component B is a very flexible polymer emulsion.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding large size floor and wall ceramic, granite, granite ceramic, marble, clinker and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces,
- Bonding ceramics on gypsumboard,
- Bonding covering materials such as ceramics, granite ceramic, marble up to 30 m height on facades of buildings. Mechanical fixing should be done if necessary.

### Advantages:

- Very flexible and provides strong bonding.
- Resistant to water and frost, and to the tensions on the surface that are caused by sudden temperature changes.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied boards.
- Not affected by temperature changes, has high freeze-thaw resistance.
- Provides high stability and does not sag in vertical applications.

### Consumption:

5.5 - 6.5 kg/m<sup>2</sup>

### Packaging:

Component A: 25 kg kraft bags  
Component B: 6 kg plastic jerrycans

Technical Properties	
Appearance	A : Grey colored fine powder B : White colored liquid
Density	A : ~ 1.50 kg/L, B : ~ 1.03 kg/L
Mixture Ratio	: 6 kg liquid / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1 hour
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -40°C / +80°C



## FIXA® Fast Setting Granite Ceramic Adhesive Mortar C2FT

### Description:

Cement based, single component, polymer added, **fast setting**, high performance and stability powder adhesive mortar **with reduced slip (C2FT)**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding small and medium size floor and wall ceramics and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Sets fast and gains its strength in 6 hours, allows tile grouting in 3 - 4 hours.
- Provides strong bonding.
- Resistant to water and frost and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 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	: 6.5 - 6.75 L water / 25 kg powder
Resting Period	: 2 - 3 minutes
Pot Life	: 25 - 30 minutes
Application Temperature	: Between +5°C and +35°C
Early Tensile Adhesion Strength After	: 6 hours ≥ 0.5 N/mm <sup>2</sup> (EN 1348)
Open Time Tensile Adhesion Strength	: After Min. 10 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: -30°C / +80°C



## FIXA® Fast Setting Granite Ceramic Adhesive Mortar C2FT (White)

### Description:

**White** cement based, single component, polymer added, **fast setting**, high performance and stability powder adhesive mortar **with reduced slip (C2FT)**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding small and medium size floor and wall ceramics and all kinds of natural stone coverings,
- Places exposed to heavy pedestrian traffic such as work places, shopping malls, schools and hospitals,
- Floor heating systems,
- Bonding ceramics on old granite and marble surfaces.

### Advantages:

- Sets fast and gains its strength in 6 hours, allows tile grouting in 3 - 4 hours.
- Decorative with its white color.
- Since it is the same color as the white joint, the joint application can be started in a shorter time.
- Provides strong bonding.
- Resistant to water and frost and is not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

4 - 6 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 6.75 - 7 L water / 25 kg powder
Resting Period	: 2 - 3 minutes
Pot Life	: 25 - 30 minutes
Application Temperature	: Between +5°C and +35°C
Early Tensile Adhesion Strength After	: 6 hours ≥ 0.5 N/mm <sup>2</sup> (EN 1348)
Open Time Tensile Adhesion Strength	: After Min. 10 minutes ≥ 0.5 N/mm <sup>2</sup> (EN 1346)
Tensile Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: -30°C / +80°C



## FIXA® Pool and Wet Floor Adhesive Mortar C2TES1

**Description:**  
Cement based, single component, polymer added, **S1 class, very flexible**, high performance adhesive powder adhesive mortar **with extended open time** and **reduced slip** and **very long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Wet areas such as pools, water tanks, sauna, Turkish baths,
- Bonding covering materials such as ceramics and glass mosaic on surfaces such as concrete, plaster and screed.

### Advantages:

- Resistant to water and frost.
- Flexible and provides strong bonding.
- Enables long workability, saves time and labor.
- Allows sufficient time to adjust bonded boards.
- Not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

3.5 - 4 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	: 6 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2.5 - 3 hours
Extended Open Time Tensile	: After min. 30 minutes $\geq 0.5$ N/mm <sup>2</sup>
Adhesion Strength	(EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: $\geq 1$ N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: $\leq 0.5$ mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## FIXA® Pool and Wet Floor Adhesive Mortar C2TES1 (White)

**Description:**  
**White** cement based, single component, polymer added, **S1 class, very flexible**, high performance adhesive powder adhesive mortar **with extended open time** and **reduced slip** and **very long working time**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Wet areas such as pools, water tanks, sauna, Turkish baths,
- Bonding covering materials such as ceramics and glass mosaic on surfaces such as concrete, plaster and screed.

### Advantages:

- Decorative with its white color.
- Enables to start the tile grouting faster as it has the same color as the white tile grout.
- Resistant to water and frost.
- Flexible and provides strong bonding.
- Enables long workability, saves time and labor.
- Allows sufficient time to adjust bonded boards.
- Not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

### Consumption:

3.5 - 4 kg/m<sup>2</sup>

### Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 6.5 - 7 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 2.5 hours
Extended Open Time Tensile	: After min. 30 minutes $\geq 0.5$ N/mm <sup>2</sup>
Adhesion Strength	(EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: $\geq 1$ N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: $\leq 0.5$ mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C

## FIXA® Natural Stone and Brick Adhesive Mortar

**Description:**  
Cement based, single component, polymer added, **flexible, thick bed** adhesive mortar with reduced slip and high performance and stability.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding covering materials such as natural stone, granite, marble, brick or bigger sized ceramics,
- Bonding floor coverings on imperfect surfaces without combing.

### Advantages:

- Flexible and provides strong bonding.
- Resistant to water and frost.
- Not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.
- Covering can be made on floors without applying screeds initially.

### Consumption:

Varies depending on the application surface.

### 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 - 2 hours
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: $\geq 1$ N/mm <sup>2</sup> 28 days (EN 1348)
Slip	: $\leq 0.5$ mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -30°C / +80°C



## AKRILAN® 200

### Ready to Use Paste Type Tile Adhesive D2TE

#### Description:

Acrylic dispersion based, ready-to-use, high performance paste type tile adhesive with **extended open time** and **reduced slip**.

#### Application Areas:

- Indoor,
- Vertical surfaces,
- Bonding ceramic, tiles and glass mosaics,
- Bonding ceramic on painted surfaces, gypsum board, gypsum-plaster, cement-bonded particle boards, hardwood,
- Bonding ceramic on old coverings.

#### Advantages:

- Ready to use.
- Easy to apply and saves labor.
- Has high bonding property.
- Long workability time.
- Provides high stability, does not slip on vertical applications.

#### Consumption:

1.7 kg/m<sup>2</sup> for 1 mm thickness

#### Packaging:

5 kg and 15 kg plastic buckets

#### Technical Properties

Appearance	: White colored acrylic dispersion
Density	: ~1.60 kg/L
Shear Adhesion Strength	: ≥ 1 N/mm <sup>2</sup> 28 days (EN 1324)
Extended Open Time Tensile	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Adhesion Strength	(EN 1346)
Application Temperature	: Between +5°C and +30°C
Slip	: ≤ 0.5 mm (EN 1308)
Service Temperature	: -30°C / +80°C



## REPOX® 100

### Epoxy Based Marble and Granite Adhesive R2TE

#### Description:

Epoxy resin based, double component, easy-to-apply, ready-to-use epoxy adhesive mortar with **extended open time** and **reduced slip**, and high bonding strength. Resistant to **chemicals** and **bacteria**, can be cleaned with water.

#### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Hospitals and all kinds of hygienic environments,
- Swimming pools, thermal pools and wet areas,
- Cheese, milk, wine, meat, fish and similar food industries,
- Medicine, dyestuff, paper, accumulator and fertilizer industries,
- Printing house, laundries, industrial kitchens and dining halls,
- Places exposed to heavy pedestrian traffic such as shopping malls, terminals,
- Floor heating systems,
- Waste water and treatment facilities,
- Bonding materials such as ceramic, tiles, marble, granite, ceramic resistant to acids, porcelain ceramic, glass mosaic and glass brick to be used in places listed above, on surfaces such as concrete, plaster and metals.

#### Advantages:

- Does not cause mould and fungus formation.
- Has high mechanical strength.
- Resistant to oil, chemicals, acids, alkalines, chemicals and residential waste water.
- Not affected by sudden temperature changes. Resistant to freeze-thaw cycle.
- Does not have harmful effect on potable water.

#### Consumption:

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

#### Packaging:

Sets of 5.20 kg (A+B) tin cans

#### Technical Properties

Components	: A: Epoxy resin, B: Hardener
Color	: Grey
Mixture Ratio	: A: 5 kg, B: 0.20 kg
Mixture Density	: ~ 1.70 kg/L
Shear Adhesion Strength	: ≥ 2 N/mm <sup>2</sup> (EN 12003)
Extended Open Time Tensile	: After min. 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Adhesion Strength	(EN 1346)
Slip	: ≤ 0.5 mm (EN 1308)
Application Temperature	: Between +10°C and +20°C
Time to Use the Mixture	: ~ 45 minutes
Time to Open to Traffic	: 7 days
Service Temperature	: Dry Ambient: -20°C / +80°C, Wet Ambient: -20°C / +50°C



## ADHERA®

### Adherence Improving Primer

#### Description:

Acrylic dispersion based, single component, viscous primer with high adhesive properties for increasing adherence and balancing the absorption of the surface before covering ceramics on vertical and glassy surfaces or on ceramics.

#### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Before bonding ceramic on ceramics,
- On sound and painted (polyurethane, epoxy and acrylic) surfaces with cement based plasters and screeds,
- To increase adherence and balance water requirements of the surface before covering wooden and parquet surfaces.

#### Advantages:

- Ready to use, easily and quickly applied.
- Saves labor, economical.
- Waterborne, safe to use indoors.
- Provides high adherence.
- Prevents the mortar to lose its water fast if applied prior to cement based coatings.
- Provides resistance against humidity.

#### Consumption:

300 - 500 g/m<sup>2</sup> (Varies depending on the absorption and roughness of the surface.)

#### Packaging:

1 kg and 5 kg plastic buckets

#### Technical Properties

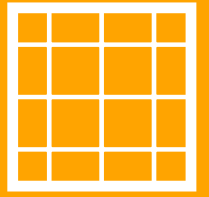
Appearance	: Dusty rose colored acrylic dispersion
Density	: ~ 1.55 kg/L
Application Temperature	: Between +5°C and +30°C
Drying Time	: 3 - 5 hours
Service Temperature	: -30°C / +80°C

# Tile and Ceramic Adhesives Product Usage Table

Application Areas		Products																														
		FIXA Extra Tile and Ceramic Adhesive Mortar	FIXA Extra Tile and Ceramic Adhesive Mortar (White)	FIXA FLEXUP Tile and Ceramic Adhesive Mortar	FIXA FLEXUP Tile and Ceramic Adhesive Mortar (White)	FIXA Tile and Ceramic Adhesive Mortar	FIXA Tile and Ceramic Adhesive Mortar (White)	PROX 910 Tile and Ceramic Adhesive Mortar	PROX 911 Tile and Ceramic Adhesive Mortar (White)	FIXA Fast Setting Tile and Ceramic Adhesive Mortar C1FT	FIXA Fast Setting Tile and Ceramic Adhesive Mortar C1FT (White)	FIXA Granite Ceramic Adhesive Mortar	FIXA Granite Ceramic Adhesive Mortar (White)	FIXA FLEX Granite Ceramic Adhesive Mortar	FIXA FLEX Granite Ceramic Adhesive Mortar (White)	PROX 950 FLEX Granite Ceramic Adhesive Mortar	PROX 951 FLEX Granite Ceramic Adhesive Mortar (White)	HIGHFLEX Granite Ceramic Adhesive Mortar	HIGHFLEX Granite Ceramic Adhesive Mortar (White)	HIGHFLEX PRO Granite Ceramic Adhesive Mortar	HIGHFLEX PRO Granite Ceramic Adhesive Mortar (White)	HIGHFLEX FLUID Granite Ceramic Adhesive Mortar	FLEX Granite Ceramic Adhesive Mortar (Double Component)	FIXA Fast Setting Granite Ceramic Adhesive Mortar C2FT	FIXA Fast Setting Granite Ceramic Adhesive Mortar C2FT (White)	FIXA Pool and Wet Floor Adhesive Mortar	FIXA Pool and Wet Floor Adhesive Mortar (White)	FIXA Natural Stone and Brick Adhesive Mortar	AKRILAN 200 Ready to Use Paste Type Tile Adhesive	REPOX 100 Epoxy Based Marble and Granite Adhesive		
Covering Materials	Tile, Ceramic	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Granite Ceramics - Small and Medium Sized	○	○	○	○					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Granite Ceramics - Big Sized			○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Natural Granite			○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Marble	○	○	○	○		●			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Glass Mozaic	○	●	○	○				●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Natural Stone			○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Terracotta			○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Biscuits Bricks			○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Application Areas	Wet Areas (WC, Bathroom, Kitchen)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Terrace Roof, Balcony	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Turkish Bath and Sauna												●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	
	Thermal Pool												○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Swimming Pool											○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Potable Water Tanks											○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Indoor Parking Lot	●	●	●	●	○	○	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Grounds Exposed to Intensive Pedestrian Traffic (Commercial and Industrial Areas)	○	○	○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Exterior Facades	○	○	○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gardens and Parks	○	○	○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Roof																															
	Places required to be ready for use within 24 hours									●	●																					
	Application Surfaces	Cement Based Plaster	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cement Based Screed		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Raw Concrete		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Cement-bonded Particle Boards		○	○	○	○	○	○	○				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Floor Heating Systems										○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Gypsumboard																							○	○								
Wood																																
PVC, Fiberglass																																
Metal																																
Painted (Over the Plaster)																																
On Top of Ceramic								○		●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● Highly Recommended ○ Suitable

# TILE GROUTS





## FIXA® Tile Grout CG1 (1 - 6 mm)

### Description:

Cement based, high performance, single component, easy-to-apply tile grout which forms smooth surface for **1 - 6 mm** joints.

### Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Tile grouting **1 - 6 mm** joints of ceramic, tiles and similar covering materials.

### Advantages:

- Does not cause color fading, dusting and cracking.
- Provides a smooth surface.
- Bonds well on the sides of the ceramics.
- Resistant to abrasion.

### Consumption:

Refer to the tile grout consumption table (Page 96).

### Packaging:

20 kg kraft bags

Technical Properties	
Appearance	: White fine powder
Powder Density	: ~ 1.10 kg/L
Water Mixing Ratio	: 6 - 7 L water / 20 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1 hour
Application Temp.	: Between +5°C and +35°C
Service Time	: Wall: 24 hours, Floor: 48 hours
Flexibility	: Medium
Flexural Strength	: $\geq 2.5$ N/mm <sup>2</sup> (EN 12808-3)
Compressive Strength	: $\geq 15$ N/mm <sup>2</sup> (EN 12808-3)
Abrasion Resistance	: $\leq 2000$ mm <sup>3</sup> (EN 12808-2)
Shrinkage	: $\leq 3$ mm/m (EN 12808-4)
Water Absorption	: In 30 minutes $\leq 5$ g (EN 12808-5), In 240 minutes $\leq 10$ g (EN 12808-5)
Service Temperature	: -20°C / +70°C



## PROX® 1010 Tile Grout CG1 (1 - 6 mm)

### Description:

Cement based, single component, easy-to-apply tile grout which forms smooth surface for **1 - 6 mm** joints.

### Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Tile grouting **1 - 6 mm** joints of ceramic, tiles and similar covering materials.

### Advantages:

- Does not cause color fading, dusting and cracking.
- Provides a smooth surface.
- Decorative.

### Consumption:

Refer to the tile grout consumption table (Page 96).

### Packaging:

20 kg kraft bags

Technical Properties	
Appearance	: White fine powder
Powder Density	: ~ 1.10 kg/L
Water Mixing Ratio	: 6 - 7 L water / 20 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1 hour
Application Temp.	: Between +5°C and +35°C
Service Time	: Wall: 24 hours, Floor: 48 hours
Flexibility	: Medium
Flexural Strength	: $\geq 2.5$ N/mm <sup>2</sup> (EN 12808-3)
Compressive Strength	: $\geq 15$ N/mm <sup>2</sup> (EN 12808-3)
Abrasion Resistance	: $\leq 2000$ mm <sup>3</sup> (EN 12808-2)
Shrinkage	: $\leq 3$ mm/m (EN 12808-4)
Water Absorption	: In 30 minutes $\leq 5$ g (EN 12808-5), In 240 minutes $\leq 10$ g (EN 12808-5)
Service Temperature	: -20°C / +70°C



## FIXA® FLEX Tile Grout CG2WA (1 - 6 mm)

### Description:

Cement based, high performance, single component, easy-to-apply, **flexible** tile grout which forms **smooth surfaces** for **1 - 6 mm** joints with reduced water absorption and high abrasion resistance.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Places such as pools, water tanks, sauna and Turkish baths,
- Floor heating systems,
- Grouting **1 - 6 mm** joints of coverings such as granite ceramic, bigger sized ceramic, tile, natural granite, marble, clinker and glass mosaic.

### Advantages:

- Does not cause color fading, dusting and cracking.
- Provides a smooth surface.
- Not affected by sudden temperature changes.
- Resistant to water and frost.
- Can be used in floor heating systems.
- Bonds well on the sides of the ceramics without cracking.
- Offers a wide selection of colors and is decorative.
- Resistant to abrasion.

### Consumption:

Refer to the tile grout consumption table (Page 96).

### Packaging:

1 kg and 5 kg polyethylene bags  
10 kg and 20 kg kraft bags

Technical Properties	
Appearance	: White or colored fine powder
Powder Density	: ~ 1.10 kg/L
Water Mixing Ratio	: 6 - 7 L water / 20 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1 hour
Application Temp.	: Between +5°C and +35°C
Service Time	: Wall: 12 hours, Floor: 24 hours
Flexibility	: Good
Flexural Strength	: $\geq 2.5$ N/mm <sup>2</sup> (EN 12808-3)
Compressive Strength	: $\geq 15$ N/mm <sup>2</sup> (EN 12808-3)
Abrasion Resistance	: $\leq 1000$ mm <sup>3</sup> (EN 12808-2)
Shrinkage	: $\leq 3$ mm/m (EN 12808-4)
Water Absorption	: In 30 minutes $\leq 2$ g (EN 12808-5), In 240 minutes $\leq 5$ g (EN 12808-5)
Service Temperature	: -30°C / +80°C



## FIXA® FLEX Tile Grout CG2WA (6 - 20 mm)

### Description:

Cement based, high performance, single component, easy-to-apply, **flexible** tile grout for **6 - 20 mm** joints with reduced water absorption and high abrasion resistance. **Resistant to cracking.**

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Places exposed to heavy pedestrian traffic,
- Places such as pools, water tanks, sauna and Turkish baths,
- Floor heating systems,
- Grouting **6 - 20 mm** joints of coverings such as granite ceramic, bigger sized ceramic, natural granite, marble, terra cotta, clinker, pressed brick, natural stone, slate stone and glass mosaic,
- As glass brick adhesive.

### Advantages:

- Does not cause color fading, dusting and cracking.
- Not affected by sudden temperature changes.
- Resistant to water and frost.
- Can be used in floor heating systems.
- Bonds well on the sides of the ceramics without cracking.
- Offers a wide selection of colors and is decorative.
- Resistant to abrasion.

### Consumption:

Refer to the tile grout consumption table (Page 96).

### Packaging:

1 kg and 5 kg polyethylene bags  
10 kg and 20 kg kraft bags

Technical Properties	
Appearance	: White or colored fine powder
Powder Density	: ~ 1.40 kg/L
Water Mixing Ratio	: 2.8 - 3.2 L water / 20 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 1 hour
Application Temp.	: Between +5°C and +35°C
Service Time	: Wall: 12 hours, Floor: 24 hours
Flexibility	: Good
Flexural Strength	: $\geq 2.5$ N/mm <sup>2</sup> (EN 12808-3)
Compressive Strength	: $\geq 15$ N/mm <sup>2</sup> (EN 12808-3)
Abrasion Resistance	: $\leq 1000$ mm <sup>3</sup> (EN 12808-2)
Shrinkage	: $\leq 3$ mm/m (EN 12808-4)
Water Absorption	: In 30 minutes $\leq 2$ g (EN 12808-5), In 240 minutes $\leq 5$ g (EN 12808-5)
Service Temperature	: -30°C / +80°C



## REPOX® 200 Epoxy Based Tile Grout

### Description:

**Epoxy** resin based, double component, easy-to-apply, ready-to-use, **hygienic epoxy** tile grout which is **resistant to chemicals** and **bacteria**. Has high bonding strength and **can be wiped with water**.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Hospitals and all kinds of hygienic environments,
- Swimming pools, thermal pools and wet areas,
- Cheese, milk, wine, beverage, meat, fish and similar food industries,
- Medicine, dyestuff, paper, accumulator and fertilizer industries,
- Printing houses, laundries, industrial kitchens and dining halls,
- Places exposed to heavy pedestrian traffic, such as shopping malls, terminals,
- Waste water and purification facilities,
- Grouting joints of materials such as ceramic, tile, marble, granite, ceramic resistant to acids, porcelain ceramic, glass mosaic and glass brick to be used in places listed above.

### Advantages:

- Does not cause mould and fungus formation.
- Has high mechanical strength.
- Does not allow dirt accumulation and is easily cleaned.
- Resistant to oil, chemicals, acids, alkalines, chemicals and residential waste water.
- Not affected by sudden temperature changes. Resistant to freeze-thaw cycle.
- Does not have harmful effect on potable water.
- Suitable for joint widths from 2 - 10 mm.
- Resistant to abrasion.

### Consumption:

Refer to the tile grout consumption table (Page 96).

### Packaging:

Sets of 5.20 kg (A+B) tin cans

### Technical Properties

Components	: A: Epoxy resin, B: Hardener
Color	: White, grey, bahama beige, black
Mixture Ratio	: A: 5 kg, B: 0.20 kg
Mixture Density	: ~ 1.70 kg/L
Pot Life	: ~ 45 minutes
Application Temp.	: Between +10°C and +20°C
Flexural Strength	: ≥ 30 N/mm <sup>2</sup> (EN 12808-3)
Compressive Strength	: ≥ 45 N/mm <sup>2</sup> (EN 12808-3)
Abrasion Resistance	: ≤ 250 mm <sup>3</sup> (EN 12808-2)
Shrinkage	: ≤ 1.5 mm/m (EN 12808-4)
Water Absorption	: After 240 minutes ≤ 0.10 g (EN 12808-5)
Service Temperature	: Dry: -20°C / +80°C, Wet: -20°C / +50°C



## FIXA® Tile Grout Cleaner

### Description:

Liquid cleaner with **acidic content** to remove stains and dirt accumulated in tile grouts and joints of covering materials.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surface,
- Tile grouts and joints of opaque covering materials,
- Since it is acidic and abrasive, a tape must be used to prevent spills over the sides of grouts when working on glossy covering materials.

### Advantages:

- Cleans easily the residues that cannot be removed with regular cleaning materials thanks to its acidic content .
- Its active components are 90% recyclable.

### Consumption:

Varies depending on the amount of dirt on the surface and the width of grout.

### Packaging:

500 ml spray packages

### Technical Properties

Appearance	: Light green transparent liquid
Liquid Density	: 1.00 - 1.10 kg/L
Application Temp.	: Between +5°C and +35°C
pH	: ~ 1



## FIXA® Cement Residue Remover

### Description:

Liquid cleaner with **acidic content** to remove residues such as cementitious mortars, paint, gypsum, tile grout, from the surfaces which are resistant to acids.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Cleaning tiles, ceramics, granite ceramics, clinker, terra cotta, rustic coverings, matte natural stone and cast stone surfaces after the application,
- Abrasive because of its acidic content. Should not be used on natural granite, marble, natural stone or specially glazed mosaic coverings and metals as it may cause loss of brightness.

### Advantages:

- Cleans easily the residues that cannot be removed with regular cleaning materials thanks to its acidic content.
- Its active components are 90% recyclable.

### Consumption:

Varies depending on usage and on the amount of residues on the surface.  
20 - 100 m<sup>2</sup> of surface can be cleaned with 1 L product.

### Packaging:

1 L plastic bottles

### Technical Properties

Appearance	: Light blue transparent liquid
Liquid Density	: 1.00 - 1.10 kg/L
Application Temp.	: Between +5°C and +35°C
pH	: ~ 1



## FIXA® Stain Remover

### Description:

Liquid cleaner with **base content** to remove stains such as oil, coffee, tea from covering materials.

### Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Glossy or matte surfaces,
- Parquet and laminated parquet floors,
- Removing stubborn stains such as oil, coffee, tea, ink, wine and fruit juices from covering materials, such as ceramic, granite ceramic, clinker, cotto, natural stone, marble and granite.

### Advantages:

- Can be conveniently used on sensitive surfaces due to its base content.
- Can be used by spreading on the whole surface.
- Its active components are 90% recyclable.

### Consumption:

Varies depending on the amount of residues on the surface.  
20 - 100 m<sup>2</sup> of surface can be cleaned with 1 L product.

### Packaging:

1 L plastic bottles

### Technical Properties

Appearance	: Light pink transparent liquid
Liquid Density	: 0.98 - 1.00 kg/L
Application Temp.	: Between +5°C and +35°C
pH	: ~ 13

# Tile Grouts Product Usage Table

Application Areas	Products	FIXA Tile Grout (1 - 6 mm)	PROX 1010 Tile Grout (1 - 6 mm))	FIXA FLEX Tile Grout (1 - 6 mm)	FIXA FLEX Tile Grout (6 - 20 mm)	REPOX 200 Epoxy Based Tile Grout
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Covering Materials	Tiles, Ceramics	●	●	●	●	●
	Granite Ceramics - Small and Medium			●	●	●
	Granite Ceramics - Medium and Large			●	●	●
	Natural Granite			●	●	●
	Marble			●	●	●
	Glass Mozaic	○	○	●	●	●
	Natural Stone				●	●
	Terracotta				●	●
	Biscuit Bricks				●	●

Application Areas	Areas with No Spesific Requirements	●	●	●	●	●
	Wet Areas (WC, Bathroom, Kitchen)	○	○	●	●	●
	Terrace Roof, Balcony			●	●	●
	Exterior Facades (Exposed to Temperature Changes)				●	●
	Gardens and Parks				●	
	Areas Frequently Cleaned with Detergents					●
	Turkish Bath and Sauna				●	●
	Thermal Pool, Hot Spring				●	●
	Swimming Pool			●	●	●
	Potable Water Tanks			●	●	●
	Surfaces Exposed to Heavy Pedestrian Traffic			○	●	●
	Food Facilities					●
	Hospitals, Laboratories					●

● Highly Recommended ○ Suitable

Tile Grout Color Chart			
Colors		Cement Based	Epoxy Based
	01 White	✓	✓
	10 Light Grey	✓	
	11 Grey	✓	✓
	12 Dark Grey	✓	
	40 Bahama Beige	✓	✓
	41 Light Brown	✓	
	42 Chocolate Brown	✓	
	44 Dark Brown	✓	
	45 Troy Beige	✓	
	46 Seljuk Beige	✓	
	47 Ottoman Beige	✓	
	48 Sandy Beige	✓	
	70 Ivory	✓	
	74 Hornbeam Brown	✓	
	75 Maroon Brown	✓	
	95 Anthracite	✓	
	99 Black	✓	✓

\*All colors shown in this catalogue are the closest possible to the original colors, depending on the printing techniques. Therefore minimal differences on color shades maybe observed on the product.

## Tile Grout Consumption Table

Joint Width (mm)	1	1	1	1	1	1	2	2	2	2	2	2
Joint Depth (mm)	6	6	8	9	9	9	6	6	8	9	9	9
Tile Dimensions (cm)	5x5	10x10	20x20	20x25	33x33	40x40	20x20	20x25	33x33	40x40	33x60	60x60
Consumption <b>Cement</b> Based (g)	440	220	110	150	100	90	220	200	180	165	155	110
Consumption <b>Epoxy</b> Based (g)	410	202	101	138	92	83	202	184	166	152	143	101

Joint Width (mm)	3	3	3	3	3	3	4	4	4	4	4	4
Joint Depth (mm)	6	6	8	9	9	9	6	6	8	9	9	9
Tile Dimensions (cm)	5x5	10x10	20x20	20x25	33x33	40x40	20x20	20x25	33x33	40x40	33x60	60x60
Consumption <b>Cement</b> Based (g)	1330	660	440	450	300	250	440	400	360	330	310	220
Consumption <b>Epoxy</b> Based (g)	1225	610	410	415	280	230	410	370	330	305	290	205

Joint Width (mm)	5	5	5	5	5	6	6	6	6	7	7	10
Joint Depth (mm)	8	9	9	9	12	8	9	12	12	9	12	12
Tile Dimensions (cm)	20x20	33x33	40x40	33x60	60x60	40x40	33x60	60x60	60x120	40x40	60x60	60x120
Consumption <b>Cement</b> Based (g)	740	500	410	390	370	440	470	440	330	580	520	550
Consumption <b>Epoxy</b> Based (g)	680	465	380	360	340	410	430	410	305	535	475	510







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