

Tile and Ceramic Adhesives & Tile Grouts

2025



FIXA[®]
CONSTRUCTION CHEMICALS



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

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

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

All of FIXA's products are produced in fully computer automated, modern facilities with an annual capacity of 350,000 tons of powder products, 5,000 tons of liquid products, 5,000 tons of silicone sealants-mastics and 350,000 m³ of EPS.

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

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

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

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

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

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



OUR FACTORIES

CONSTRUCTION CHEMICALS

Istanbul Factory

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



Adana Factory

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



Ankara Factory

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



EPS

Istanbul Factory

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



INDEX

TILE and CERAMIC ADHESIVES

Cement Based Adhesives

FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE	8
FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE (White)	8
FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE	8
FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE (White)	9
FIXA® Tile and Ceramic Adhesive Mortar C1T	9
FIXA® Tile and Ceramic Adhesive Mortar C1T (White)	9
PROX® 910 Tile and Ceramic Adhesive Mortar C1T	10
PROX® 911 Tile and Ceramic Adhesive Mortar C1T (White)	10
FIXA® Fast Setting Tile and Ceramic Adhesive Mortar C1FT	10
FIXA® Fast Setting Tile and Ceramic Adhesive Mortar C1FT (White)	11
FIXA® Granite Ceramic Adhesive Mortar C2T	11
FIXA® Granite Ceramic Adhesive Mortar C2T (White)	11
FIXA® FLEX Granite Ceramic Adhesive Mortar C2TE	12
FIXA® FLEX Granite Ceramic Adhesive Mortar C2TE (White)	12
PROX® 950 FLEX Granite Ceramic Adhesive Mortar C2TE	12
PROX® 951 FLEX Granite Ceramic Adhesive Mortar C2TE (White)	13
HIGHFLEX® Granite Ceramic Adhesive Mortar C2TES1	13
HIGHFLEX® Granite Ceramic Adhesive Mortar C2TES1 (White)	13
HIGHFLEX® PRO Granite Ceramic Adhesive Mortar C2TES2	14
HIGHFLEX® PRO Granite Ceramic Adhesive Mortar C2TES2 (White)	14
HIGHFLEX® FLUID Granite Ceramic Adhesive Mortar C2ES1	14
FIXA® FLEX Granite Ceramic Adhesive Mortar C2TES1 (Double Component)	15
FIXA® Fast Setting Granite Ceramic Adhesive Mortar C2FT	15
FIXA® Fast Setting Granite Ceramic Adhesive Mortar C2FT (White)	15
FIXA® Pool and Wet Floor Adhesive Mortar C2TES1	16
FIXA® Pool and Wet Floor Adhesive Mortar C2TES1 (White)	16
FIXA® Natural Stone and Cladding Brick Adhesive Mortar C2TE	16

Acrylic Based Adhesives

AKRILAN® 200 Ready to Use Paste Type Tile Adhesive D2TE	17
--	----

Epoxy Based Adhesives

REPOX® 100 Epoxy Based Marble and Granite Adhesive R2TE	17
--	----

Primers

ADHERA® Adherence Improving Primer	17
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TILE and CERAMIC ADHESIVES PRODUCT APPLICATION TABLE	18
---	----

TILE GROUTS

Cement Based Tile Grouts

FIXA® Tile Grout (1 - 6 mm) CG1	20
PROX® 1010 Tile Grout (1 - 6 mm) CG1	20
FIXA® FLEX Tile Grout (1 - 6 mm) CG2WA	20
FIXA® FLEX Tile Grout (6 - 20 mm) CG2WA	21

Epoxy Based Tile Grouts

REPOX® 200 Epoxy Based Tile Grout	21
FIXA® Tile Grout Cleaner	21
FIXA® Cement Residue Remover	22
FIXA® Stain Remover	22

TILE GROUTS PRODUCT APPLICATION TABLE	23
--	----

	Page
AKRILAN® 200 Ready to Use Paste Type Tile Adhesive D2TE	17
FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE	8
FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE (White)	8
FIXA® Fast Setting Granite Ceramic Adhesive Mortar C2FT	15
FIXA® Fast Setting Granite Ceramic Adhesive Mortar C2FT (White)	15
FIXA® Fast Setting Tile and Ceramic Adhesive Mortar C1FT	10
FIXA® Fast Setting Tile and Ceramic Adhesive Mortar C1FT (White)	11
FIXA® FLEX Granite Ceramic Adhesive Mortar C2TE	12
FIXA® FLEX Granite Ceramic Adhesive Mortar C2TE (White)	12
FIXA® FLEX Granite Ceramic Adhesive Mortar C2TES1 (Double Component)	15
FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE	8
FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE (White)	9
FIXA® Granite Ceramic Adhesive Mortar C2T	11
FIXA® Granite Ceramic Adhesive Mortar C2T (White)	11
FIXA® Natural Stone and Cladding Brick Adhesive Mortar C2TE	16
FIXA® Pool and Wet Floor Adhesive Mortar C2TES1	16
FIXA® Pool and Wet Floor Adhesive Mortar C2TES1 (White)	16
FIXA® Tile and Ceramic Adhesive Mortar C1T	9
FIXA® Tile and Ceramic Adhesive Mortar C1T (White)	9
HIGHFLEX® FLUID Granite Ceramic Adhesive Mortar C2ES1	14
HIGHFLEX® Granite Ceramic Adhesive Mortar C2TES1	13
HIGHFLEX® Granite Ceramic Adhesive Mortar C2TES1 (White)	13
HIGHFLEX® PRO Granite Ceramic Adhesive Mortar C2TES2	14
HIGHFLEX® PRO Granite Ceramic Adhesive Mortar C2TES2 (White)	14
PROX® 910 Tile and Ceramic Adhesive Mortar C1T	10
PROX® 911 Tile and Ceramic Adhesive Mortar C1T (White)	10
PROX® 950 FLEX Granite Ceramic Adhesive Mortar C2TE	12
PROX® 951 FLEX Granite Ceramic Adhesive Mortar C2TE (White)	13
REPOX® 100 Epoxy Based Marble and Granite Adhesive R2TE	17

TILE and CERAMIC ADHESIVES





FIXA® Extra Tile and Ceramic Adhesive Mortar C1TE

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of small and medium-sized 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 ceramics.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.

Consumption:

3.5 - 4 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 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	: After min. 30 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C



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

Description:

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

Application Areas:

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

Advantages:

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

Consumption:

3.5 - 4 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.45 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	: After min. 30 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C



FIXA® FLEXUP Tile and Ceramic Adhesive Mortar C1TE

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of covering materials such as medium and large-sized 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 adhesion strength.
- Allows sufficient time to adjust applied ceramics.
- Spread to the surface and combed easily with a trowel. Minimizes applicator fatigue.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.
- Allows working with various coating materials in different sizes.
- Covers large areas with less material and gives less load to the structure.

Consumption:

3 - 4 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 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	: After min. 30 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C



FIXA® FLEXUP

Tile and Ceramic Adhesive Mortar C1TE (White)

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of covering materials such as medium and large-sized 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 due to its white color.
- Enables to start the tile grout application quickly as it is the same color as the white tile grout.
- Saves labor and time with its long workability time.
- Has high adhesion strength.
- Allows sufficient time to adjust applied ceramics.
- Spread to the surface and combed easily with a trowel. Minimizes applicator fatigue.
- Resistant to water and frost.
- Provides high stability and does not sag in vertical applications.
- Allows working with various coating materials in different sizes.
- Covers large areas with less material and gives less load to the structure.

Consumption:

3 - 4 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.45 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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C



FIXA®

Tile and Ceramic Adhesive Mortar C1T

Description:

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

Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding of small and medium-sized 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C



FIXA®

Tile and Ceramic Adhesive Mortar C1T (White)

Description:

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

Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding of small and medium-sized 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 due to its white color.
- Enables to start the tile grout application quickly as it is the same color as the white tile grout.
- Does not sag in vertical applications.

Consumption:

3.5 - 4 kg/m²

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	: ~ 1.5 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C



PROX® 910

Tile and Ceramic Adhesive Mortar C1T

Description:

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

Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding of small and medium-sized 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6 L water / 25 kg powder
Resting Period	: ~ 5 minutes
Pot Life	: 1.5 - 2 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +70°C

PROX® 911

Tile and Ceramic Adhesive Mortar C1T (White)

Description:

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

Application Areas:

- Indoor,
- Horizontal and vertical surfaces,
- Bonding of small and medium-sized 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 due to its white color.
- Enables to start the tile grout application quickly as it is the same color as the white tile grout.
- Does not sag in vertical applications.

Consumption:

3.5 - 4 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6 L water / 25 kg powder
Resting Period	: ~ 5 minutes
Pot Life	: ~ 1.5 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Walk-on Time	: 24 hours
Service Temperature	: Between -20°C and +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**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding of small and medium-sized 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 of 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 adhesion.
- 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 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 ² (EN 1348)
Open Time Tensile Adhesion Strength	: After min. 10 minutes ≥ 0.5 N/mm ² (EN 1346)
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: Between -30°C and +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**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding of small and medium-sized 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 of 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 due to 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 adhesion.
- 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/m²

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 ² (EN 1348)
Open Time Tensile Adhesion Strength	: After min. 10 minutes ≥ 0.5 N/mm ² (EN 1346)
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: Between -30°C and +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 of large-sized 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 of 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2.5 hours
Open Time Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +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 of large-sized 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 of ceramics on old granite and marble surfaces.
- Bonding of glass mosaics.

Advantages:

- Decorative due to 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 adhesion.
- 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/m²

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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +80°C



FIXA® FLEX

Granite Ceramic Adhesive Mortar C2TE

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of 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 granite ceramics.
- 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2.5 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +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 adhesive mortar with **reduced slip** and **long working time**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of ceramics on old granite and marble surfaces,
- Bonding of glass mosaics.

Advantages:

- Decorative due to 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 granite ceramics.
- 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/m²

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



PROX® 950

FLEX Granite Ceramic Adhesive Mortar C2TE

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of 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 granite ceramics.
- 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 kg/L
Water Mixing Ratio	: 5.5 - 6.5 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: ~ 2.5 hours
Extended Open Time Tensile Adhesion Strength	: After min. 30 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +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 adhesive mortar with **reduced slip** and **long working time**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of ceramics on old granite and marble surfaces,
- Bonding of glass mosaics.

Advantages:

- Decorative due to 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 granite ceramics.
- 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/m²

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



HIGHFLEX®

Granite Ceramic Adhesive Mortar C2TES1

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of 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 workability, saves time and labor.
- Allows sufficient time to adjust applied granite ceramics.
- Provides high stability and does not sag in vertical applications.

Consumption:

4 - 6 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.35 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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 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	: Between -30°C and +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 adhesive mortar with **reduced slip** and **long working time**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of ceramics on old granite and marble surfaces.

Advantages:

- Decorative due to 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 workability, saves time and labor.
- Allows sufficient time to adjust applied granite ceramics.
- Provides high stability and does not sag in vertical applications.

Consumption:

4 - 6 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.35 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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 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	: Between -30°C and +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 adhesive mortar with **reduced slip** and **long working time**, with superior qualities.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of ceramics on old granite and marble surfaces.

Advantages:

- Very flexible and provides strong adhesion.
- 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 workability, saves time and labor.
- Allows sufficient time to adjust applied granite ceramics.
- Provides high stability and does not sag in vertical applications.

Consumption:

4 - 6 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.35 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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Transverse Deformation	: ≥ 5 mm (EN 12002)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +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 adhesive mortar with **reduced slip** and **long working time**, with superior qualities.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of ceramics on old granite and marble surfaces.

Advantages:

- Decorative due to 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 adhesion.
- 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 workability, saves time and labor.
- Allows sufficient time to adjust applied granite ceramics.
- Provides high stability and does not sag in vertical applications.

Consumption:

4 - 6 kg/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.35 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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Transverse Deformation	: ≥ 5 mm (EN 12002)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +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 adhesive mortar with **long working time** which is easy to apply thanks to its **fluidity**.

Application Areas:

- Indoor and outdoor,
- Horizontal surfaces such as concrete, screed or cement-bonded particle boards and insulation panels such as stone wool, EPS and XPS,
- Bonding of large-sized floor ceramics, 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 of ceramics on old granite and marble surfaces.

Advantages:

- Very flexible and provides strong adhesion.
- 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 gaps and defects up to 5 mm.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust applied granite ceramics.
- Provides high stability and is easy to apply on floors with its fluid consistency.
- 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/m² (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	: After min. 30 minutes ≥ 0.5 N/mm ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Transverse Deformation	: ≥ 2.5 mm and < 5 mm (EN 12002)
Walk-on Time	: ~ 6 hours
Service Temperature	: Between -30°C and +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 adhesive mortar, component B is a very flexible polymer emulsion.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of large-sized 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 of ceramics on old granite and marble surfaces,
- Bonding of ceramics on gypsumboard,
- Bonding of 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 adhesion.
- 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 granite ceramics.
- 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/m²

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 : ~ 1.45 kg/L, B : ~ 1.03 kg/L
Mixing 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 ² (EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -40°C and +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**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding of medium and large-sized floor and wall ceramics, granite, granite ceramics, 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 of 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 adhesion.
- 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/m²

Packaging:

25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.45 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	: After 6 hours ≥ 0.5 N/mm ² (EN 1348)
Open Time Tensile Adhesion Strength	: After min. 10 minutes ≥ 0.5 N/mm ² (EN 1346)
Tensile Adhesion Strength	: ≥ 1 N/mm ² (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: Between -30°C and +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**.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Places required to be ready for use within 24 hours,
- Bonding of medium and large-sized floor and wall ceramics, granite, granite ceramics, 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 of 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 due to 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 adhesion.
- 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/m²

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	: After 6 hours ≥ 0.5 N/mm ² (EN 1348)
Open Time Tensile Adhesion Strength	: After min. 10 minutes ≥ 0.5 N/mm ² (EN 1346)
Tensile Adhesion Strength	: ≥ 1 N/mm ² (28 days) (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 6 hours
Service Temperature	: Between -30°C and +80°C



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



FIXA® Pool and Wet Floor Adhesive Mortar C2TES1

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Wet areas such as pools, water tanks, sauna, Turkish baths,
- Bonding of 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 adhesion.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust bonded ceramics.
- Not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

Consumption:

3.5 - 4 kg/m²

Packaging:

25 kg kraft bags

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

Description:

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

Application Areas:

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

Advantages:

- Decorative due to 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 adhesion.
- Provides long workability, saves time and labor.
- Allows sufficient time to adjust bonded ceramics.
- Not affected by temperature changes.
- Provides high stability and does not sag in vertical applications.

Consumption:

3.5 - 4 kg/m²

Packaging:

25 kg kraft bags

FIXA® Natural Stone and Cladding Brick Adhesive Mortar C2TE

Description:

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

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical surfaces,
- Bonding of covering materials such as natural stone, granite, marble, cladding brick, terra cotta, manufactured stones or large-sized ceramics,
- Bonding of floor covering on imperfect surfaces without combing.

Advantages:

- Flexible and provides strong adhesion.
- 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 fine powder
Powder Density	: ~ 1.45 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 ≥ 0.5 N/mm ²
Adhesion Strength	(EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +80°C

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 ≥ 0.5 N/mm ²
Adhesion Strength	(EN 1346)
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +80°C

Technical Properties	
Appearance	: Grey colored coarse powder
Powder Density	: ~ 1.55 kg/L
Water Mixing Ratio	: 5 - 6 L water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm (EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: Between -30°C and +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 **long working time** and **reduced slip**.

Application Areas:

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

Advantages:

- Ready to use.
- Easily and quick applied, saves labor.
- Has high adhesion property.
- Has long workability time.
- Provides high stability, does not slip on vertical applications.

Consumption:

1.70 kg/m² for 1 mm thickness

Packaging:

5 kg and 15 kg plastic buckets

Technical Properties	
Appearance	: White colored acrylic dispersion
Density	: ~1.70 kg/L
Shear Adhesion Strength	: ≥ 1 N/mm ² 28 days (EN 1324)
Extended Open Time Tensile	: After min. 30 minutes ≥ 0.5 N/mm ²
Adhesion Strength	(EN 1346)
Application Temperature	: Between +5°C and +30°C
Slip	: ≤ 0.5 mm (EN 1308)
Service Temperature	: Between -30°C and +80°C



REPOX® 100

Epoxy Based Marble and Granite Adhesive R2TE

Description:

Epoxy resin based, double component, **solvent-free** epoxy **adhesive mortar** with high adhesion strength, **resistant to chemicals** and **bacteria**, easy-to-apply, **can be cleaned with water**, reduced slip with long working time.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Hospitals and all kinds of hygienic environments,
- Swimming pools, thermal pools and wet areas,
- Medicine, paint, paper and food 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 of 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. Does not have harmful effect on potable water.
- Has long working time, easily cleaned.
- Has high mechanical strength.
- Resistant to various chemicals, corrosive water, organic salts and acids, alkalis and oils.
- Not affected by sudden temperature changes. Resistant to freeze-thaw cycle.

Consumption:

1.70 kg/m² (for 1 mm thickness). According to system solutions, the method of application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:

Sets of 5.40 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Comp. A (Resin): Thixotropic liquid - grey Comp. B (Hardener): Liquid - yellow	
Packaging	: Comp. A: 5 kg, Comp. B: 0.4 kg	
Mixture Density	: 1.70 ± 0.05 g/cm ³ (TS EN ISO 2811-1)	
Application Temperature	: Between +10°C and +30°C	
Shear Adhesion Strength	: ≥ 2 N/mm ² (EN 12003)	
Extended Open Time	: After min. 30 minutes ≥ 0.5 N/mm ²	
Tensile Adhesion Strength	(EN 1346)	
Slip	: ≤ 0.5 mm (EN 1308)	
Pot Life (5.4 kg)	Temperature	Duration (TS EN ISO 9514)
	10°C	120 minutes
	20°C	60 minutes
	30°C	30 minutes
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Dry Environment: Between -20°C and +80°C Wet Environment: Between -20°C and +50°C	



ADHERA®

Adherence Improving Primer

Description:

Acrylic dispersion based, single component, viscous primer with high adhesion 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 of 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 coating on wooden and parquet surfaces.

Advantages:

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

Consumption:

300 - 500 g/m² (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	: Between -30°C and +80°C

Tile and Ceramic Adhesives Product Application Table

Application Areas		Products																							
		FIXA Extra Tile and Ceramic Adhesive Mortar CITE																							
		FIXA Extra Tile and Ceramic Adhesive Mortar CITE (White)																							
		FIXA FLEXUP Tile and Ceramic Adhesive Mortar CITE																							
		FIXA FLEXUP Tile and Ceramic Adhesive Mortar CITE (White)																							
		FIXA Tile and Ceramic Adhesive Mortar CIT																							
		FIXA Tile and Ceramic Adhesive Mortar CIT (White)																							
		PROX 910 Tile and Ceramic Adhesive Mortar CIT																							
		PROX 911 Tile and Ceramic Adhesive Mortar CIT (White)																							
		FIXA Fast Setting Tile and Ceramic Adhesive Mortar CIFT																							
		FIXA Fast Setting Tile and Ceramic Adhesive Mortar CIFT (White)																							
		FIXA Granite Ceramic Adhesive Mortar C2T																							
		FIXA Granite Ceramic Adhesive Mortar C2T (White)																							
		FIXA FLEX Granite Ceramic Adhesive Mortar C2TE																							
		FIXA FLEX Granite Ceramic Adhesive Mortar C2TE (White)																							
		PROX 950 FLEX Granite Ceramic Adhesive Mortar C2TE																							
		PROX 951 FLEX Granite Ceramic Adhesive Mortar C2TE (White)																							
		HIGHFLEX Granite Ceramic Adhesive Mortar C2TES1																							
		HIGHFLEX Granite Ceramic Adhesive Mortar C2TES1 (White)																							
		HIGHFLEX PRO Granite Ceramic Adhesive Mortar C2TES2																							
		HIGHFLEX PRO Granite Ceramic Adhesive Mortar C2TES2 (White)																							
		HIGHFLEX FLUID Granite Ceramic Adhesive Mortar C2ES1																							
		FLEX Granite Ceramic Adhesive Mortar C2TES1 (Double Comp.)																							
		FIXA Fast Setting Granite Ceramic Adhesive Mortar C2FT																							
		FIXA Fast Setting Granite Ceramic Adhesive Mortar C2FT (White)																							
		FIXA Pool and Wet Floor Adhesive Mortar C2TES1																							
		FIXA Pool and Wet Floor Adhesive Mortar C2TES1 (White)																							
		FIXA Natural Stone and Brick Adhesive Mortar																							
		AKRILAN 200 Ready to Use Paste Type Tile Adhesive D2TE																							
		REPOX 100 Epoxy Based Marble and Granite Adhesive R2TE																							

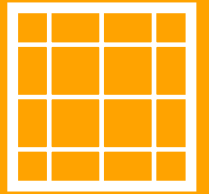
Covering Materials	Tile, Ceramic	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Granite Ceramics - Small and Medium Size	○	○	○	○									●	●	●	●	●	●	●	●	●	●	●	●
	Granite Ceramics - Big Size			○	○									○	○	○	○	○	○	○	○	○	○	○	○
	Natural Granite			○	○									○	○	○	○	○	○	○	○	○	○	○	○
	Marble	○	○	○	○									○	○	○	○	○	○	○	○	○	○	○	○
	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 Heavy 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	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Exposed Concrete	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Cement-bonded Particle Boards	○	○	○	○	○	○	○	○					●	●	●	●	●	●	●	●	●	●	●	●
	Floor Heating Systems													●	●										●
	Gypsumboard																								●
	Wood																								●
	PVC, Fiberglass																								●
	Metal																								●
	Painted (Over the Plaster)																								○
	Ceramic													○	○	○	○	○	○	○	○	○	○	○	○

● Highly Recommended ○ Suitable

TILE GROUTS





FIXA® Tile Grout (1 - 6 mm) CG1

Description:

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

Application Areas:

- Indoor,
- Horizontal and vertical applications,
- Grouting **1 - 6 mm** joints of ceramic, tiles and similar coating 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 103).

Packaging:

20 kg kraft bags

PROX® 1010 Tile Grout (1 - 6 mm) CG1

Description:

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

Application Areas:

- Indoor,
- Horizontal and vertical applications,
- Grouting **1 - 6 mm** joints of ceramic, tiles and similar coating materials.

Advantages:

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

Consumption:

Refer to the tile grout consumption table (Page 103).

Packaging:

20 kg kraft bags

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

Description:

Cement based, polymer added, high performance, single component, easy-to-apply, **flexible** tile grout which forms a smooth surface 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 coatings such as granite ceramic, large 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 103).

Packaging:

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

Technical Properties	
Appearance	: White fine powder
Powder Density	: ~ 1.15 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	: ≥ 2.5 N/mm ² (EN 12808-3)
Compressive Strength	: ≥ 15 N/mm ² (EN 12808-3)
Abrasion Resistance	: ≤ 2000 mm ³ (EN 12808-2)
Shrinkage	: ≤ 3 mm/m (EN 12808-4)
Water Absorption	: In 30 minutes ≤ 5 g (EN 12808-5) In 240 minutes ≤ 10 g (EN 12808-5)
Service Temperature	: Between -20°C and +70°C

Technical Properties	
Appearance	: White fine powder
Powder Density	: ~ 1.15 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	: ≥ 2.5 N/mm ² (EN 12808-3)
Compressive Strength	: ≥ 15 N/mm ² (EN 12808-3)
Abrasion Resistance	: ≤ 2000 mm ³ (EN 12808-2)
Shrinkage	: ≤ 3 mm/m (EN 12808-4)
Water Absorption	: In 30 minutes ≤ 5 g (EN 12808-5) In 240 minutes ≤ 10 g (EN 12808-5)
Service Temperature	: Between -20°C and +70°C

Technical Properties	
Appearance	: White or colored fine powder
Powder Density	: ~ 1.15 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	: ≥ 2.5 N/mm ² (EN 12808-3)
Compressive Strength	: ≥ 15 N/mm ² (EN 12808-3)
Abrasion Resistance	: ≤ 1000 mm ³ (EN 12808-2)
Shrinkage	: ≤ 3 mm/m (EN 12808-4)
Water Absorption	: In 30 minutes ≤ 2 g (EN 12808-5) In 240 minutes ≤ 5 g (EN 12808-5)
Service Temperature	: Between -30°C and +80°C

Approved by METU Chemical Eng. Dept.
according to BS 6920 Standard for
potable water contact compatibility.
Report no: 2019.03.04.718/01



FIXA® FLEX

Tile Grout (6 - 20 mm) CG2WA

Description:

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

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, large 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 103).

Packaging:

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

Approved by METU Chemical Eng. Dept.
according to BS 6920 Standard for
potable water contact compatibility.
Report no: 2019.03.04.718/01

Technical Properties	
Appearance	: White or colored coarse powder
Powder Density	: ~ 1.45 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	: $\geq 2.5 \text{ N/mm}^2$ (EN 12808-3)
Compressive Strength	: $\geq 15 \text{ N/mm}^2$ (EN 12808-3)
Abrasion Resistance	: $\leq 1000 \text{ mm}^3$ (EN 12808-2)
Shrinkage	: $\leq 3 \text{ mm/m}$ (EN 12808-4)
Water Absorption	: In 30 minutes $\leq 2 \text{ g}$ (EN 12808-5) In 240 minutes $\leq 5 \text{ g}$ (EN 12808-5)
Service Temperature	: Between -30°C and +80°C



REPOX® 200

Epoxy Based Tile Grout

Description:

Epoxy resin based, double component, **solvent-free tile grout** with high bonding strength, resistant to **chemicals** and **bacteria**, easy to apply, **water-cleanable**, designed for **2 - 10 mm joints**.

Application Areas:

- Indoor,
- Horizontal and vertical applications,
- Hospitals and all kinds of hygienic environments,
- Swimming pools, thermal pools and wet areas,
- Medicine, paint, paper and food industries,
- Printing houses, laundries, industrial kitchens and dining halls,
- Places exposed to heavy pedestrian traffic, such as shopping malls, terminals,
- Waste water and treatment 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. Does not have harmful effect on potable water.
- Has long workability time, easy to clean.
- Has high mechanical strength.
- Resistant to various chemicals, corrosive water, organic salts and acids, alkalis and oils.
- Not affected by sudden temperature changes. Resistant to freeze-thaw cycle.

Consumption:

Refer to the tile grout consumption table (Page 103).

Packaging:

Sets of 5.40 kg (A+B) tin buckets

Technical Properties	
Appearance - Color	: Comp. A (Resin): Thix. liquid - special colors* Comp. B (Hardener): Liquid - yellow
Packaging	: Comp. A: 5 kg, Comp. B: 0.4 kg
Mixture Density	: $1.70 \pm 0.05 \text{ g/cm}^3$ (TS EN ISO 2811-2)
Hardness (Shore D)	: 75 ± 3 (TS EN ISO 868) 7 days
Application Temperature	: Between +10°C and 30°C
Compressive Strength	: $\geq 45 \text{ N/mm}^2$ (TS EN 12190) 7 days
Flexural Strength	: $\geq 30 \text{ N/mm}^2$ (TS EN 12190) 7 days
Adhesive Strength	: $\geq 2 \text{ N/mm}^2$ Fracture within the concrete substrate (TS EN 1542) 7 days
Pot Life (5.4 kg)	: Temperature Duration (TS EN ISO 9514) 10°C 120 minutes 20°C 60 minutes 30°C 30 minutes
Abrasion Resistance	: $\leq 250 \text{ mm}^3$ (EN 12808-2)
Shrinkage	: $\leq 1.5 \text{ mm/m}$ (12808-4)
Water Absorption	: After 240 minutes $\leq 0.10 \text{ g}$ (EN 12808-5)
Complete Curing Time	: 7 days (23°C TS 4317)
Service Temperature	: Dry Environment: Between -20°C and +80°C Wet Environment: Between -20°C and +50°C

*Please refer to page 103 for tile grout color chart



FIXA®

Tile Grout Cleaner

Description:

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

Application Areas:

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



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



FIXA® Cement Residue Remover

Description:

Liquid cleaner with **acidic content** to remove residues such as cementitious mortars, paint, gypsum, tile grout from the surfaces of acid-resistant coating materials.

Application Areas:

- Indoor and outdoor,
- Horizontal and vertical applications,
- Cleaning tiles, ceramics, granite ceramics, clinker, terra cotta, rustic coatings, matte natural stone and artificial stone surfaces after the application,
- Abrasive because of its acidic content. Should not be used on natural granite, marble, natural stone or special glazed mosaic coatings 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 m² of surface can be cleaned with 1 L product.

Packaging:

1 L plastic bottles



FIXA® Stain Remover

Description:

Liquid cleaner with **base content** to remove stains such as oil, coffee, tea from the surfaces of coating materials.

Application Areas:

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

Advantages:

- Can be conveniently used on sensitive surfaces thanks 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 m² 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

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 Application Table

Application Areas	Products	FIXA Tile Grout (1 - 6 mm) CG1	PROX 1010 Tile Grout (1 - 6 mm) CG1	FIXA FLEX Tile Grout (1 - 6 mm) CG2WA	FIXA FLEX Tile Grout (6 - 20 mm) CG2WA	REPOX 200 Epoxy Based Tile Grout

Covering Materials	Tile, Ceramic	●	●	●	●	●
	Granite Ceramic - Small and Medium Size			●	●	●
	Granite Ceramic - Medium and Large Size			●	●	●
	Natural Granite			●	●	●
	Marble			●	●	●
	Glass Mosaic	○	○	●	●	●
	Natural Stone				●	●
	Terracotta				●	●
	Biscuit Bricks				●	●

Application Areas	Areas with No Specific 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 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: Cement Based (g)	454	238	173	178	130	130	260	238	230	260	227	195
Consumption: Epoxy Based (g)	428	224	163	168	122	122	245	224	218	245	214	184

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: Cement Based (g)	1361	713	518	535	389	389	518	475	461	518	454	389
Consumption: Epoxy Based (g)	1285	673	490	505	367	367	489	449	435	490	428	367

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: Cement Based (g)	864	648	648	567	648	691	680	778	648	907	907	1080
Consumption: Epoxy Based (g)	816	612	612	536	612	653	643	734	612	857	857	1020



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