

DESCRIPTION

- Cement-based, flexible, easy-to-use mortar with reduced slip features, an extended open used for bonding ceramic and tile materials.

INTENDED USES

- Horizontal and vertical applications of interior surfaces,
- Horizontal applications of exterior surfaces,
- In areas with heat fluctuations,
- Tile on tile applications (after application of **SS-41 Tile primer**),
On exposed concrete (after application of **BB-12 Exposed concrete primer**)
- On gypsum plaster, gypsum plasterboard surfaces (after application of **UA-34 General purpose primer**),
- In wet areas such as bathroom and kitchen (after waterproofing is done),
- On surfaces such as concrete, screed, plaster,
- It is used for bonding ceramic and tile materials.

PROPERTIES

- Easy to use. Desired consistency can be achieved by mixing with water only.
- Open time is 30 minutes.
- Does not slip in vertical applications.
- Extended open time.
- Resistant to surface tension caused by temperature differences.
- S1 class is flexible.

SURFACE TREATMENT

- Surface must be clean, dry, smooth and solid.
- Surface must be cleaned from oil, dirt and paint residues that will prevent adhesion.
- Fractured and hollow areas on the surface must be repaired with **REPAIR SW Waterproof structural repair mortar** at least 24 hours prior to application.
- Dusty surface behind tiles must be moistened by wiping.
- Surface must be moistened in applications above 35°C.

TECHNICAL DATA

Appearance	: Grey and white powder
Application temperature	: (+5°C) - (+30°C)
Temperature resistance	: (-30°C) - (+60°C)
Open time	: 30 minutes
Time required for grouting	: 24 hours
Pot life	: 3 hours

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- **YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

APPLICATION

- Slowly pour 25 kg **MYİSTANBUL** powder into 6.0-6.5lt water and thoroughly mix it for 3-5 minutes with a low-speed mixer until it becomes a smooth, homogeneous substance.
- Do not add any additional additives, unless mentioned in the instructions.
- Rest the prepared mortar for 5 minutes and stir it again for 1-2 minutes before application.
- Spread the mortar onto the substrate with notched trowel of which notch size is appropriate to the tile dimension and the smoothness of the application surface.
- Tiles should be bonded within 30 minutes by applying a force with a rubber hammer on the combed mortar. This period may be shortened in applications made in unfavourable ambient conditions such as high temperature, low humidity and wind.
- Bonding process should not be done if the mortar expires the open time, the mortar should be scraped off the surface.
- After 24 hours from the application of **MYİSTANBUL**, application is completed with **FUGAFLEX Silicone additive flex tile grout** according to the appropriate joint width.

WARNINGS AND RECOMMENDATIONS

- It is not suitable to use in vertical applications of exterior facades, underfloor heated areas, areas exposed to heavy load traffic, areas where rapid application is required, metal surfaces and wood floors.
- **MYİSTANBUL** is suitable for use within 30 minutes of application to the surface to be applied.
Use in excess of 30 minutes is not appropriate.
- Do not apply during extremely hot, windy and rainy weather.
- Double-sided application is recommended as the size of the tile increases.
- After application of **MYİSTANBUL** direct contact with water must be avoided for at least 24 hours.
- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.
- During application, surface must be protected from wind and direct sunlight.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.

MYİSTANBUL

FLEX CERAMIC TILE ADHESIVE



PACKAGING

- 25 kg Kraft bag (Pallet 64 bags, 1600 kg)

COMPLEMENTARY PRODUCT(S)

- **REPAIR SW** Waterproof structural repair mortar
- **FUGAFLEX** Silicone additive flex tile grout
- **SS-41** Tile primer
- **UA-34** General purpose primer
- **BB-12** Exposed concrete primer

CONSUMPTION


TILE	TROWEL	CONSUMPTION
120 cm ²	6x6x6 mm	4 kg/m ² for single-sided application 5-6 kg/m ² for double-sided application
120 cm ² -500 cm ²	8x8x8 mm	5 kg/m ² for single-sided application 6.5 kg/m ² for double-sided application
500 cm ² -2000 cm ²	10x10x10 mm	5.5 kg/m ² for single-sided application 7-8 kg/m ² for double-sided application

SHELF LIFE

- Shelf life 12 months from the date of manufacture if it is stored in a dry and cool environment.

QUALITY CERTIFICATES

- In Accordance with TS EN 12004 standards and C1TES1 class.
- **C1**: Normal setting cementitious adhesive
- **T**: Reduced slip feature
- **E**: Extended open time
- **S1**: Deformable

 YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermerciler Küçük San. Sit. 18. Cad. No: 22 Köşeler Köyü - Dilovası / KOCAELİ 18 DoP number: 05.PB 12004.004	
TS EN 12004-2:2017 MYİSTANBUL Normal setting flexible cementitious tile adhesive with reduced slip feature and extended open time C1TES1	
Initial tensile adhesion strength	: ≥ 0.5 N/mm ²
Tensile adhesion strength after water immersion	: ≥ 0.5 N/mm ²
Tensile adhesion strength after heat ageing	: ≥ 0.5 N/mm ²
Tensile adhesion strength after freeze/thaw cycles	: ≥ 0.5 N/mm ²
Open time: Tensile adhesion strength	: After 30 minutes ≥ 0.5 N/mm ²
Slip	: ≤ 0.5 mm
Deformability (S1)	: ≥ 2.5 mm ve <5 mm
Fire reaction class	: A1

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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