

DESCRIPTION

- High performance, reduced slip, extended working time, ready-to-use acrylic-based tile adhesive.

INTENDED USES

- On vertical applications of interior and exterior surfaces,
- Tile on tile applications (after applying **SS-41 Tile primer** on old tiles),
- On exposed concrete,
- On gypsum plaster, gypsum plasterboard surfaces,
- On thermal insulation boards,
- On surfaces such as concrete, screed, plaster,
- It is used for bonding tile materials such as ceramics, tiles and glass mosaic.

PROPERTIES

- Has high adhesion strength.
- Resistant to moisture.
- Flexible and ready to use.
- Resistant to surface tension caused by building movements.
- Does not slip in vertical applications.
- Extended open time. Open time is 30 minutes.

SURFACE TREATMENT

- 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.
- Foreign materials must not be added.

TECHNICAL DATA

Appearance	: White
Application temperature	: (+10°C) - (+30°C)
Temperature resistance	: (-20°C) - (+80°C)
Open time	: Max. 30 minutes
Time required for grouting	: Min. 3 days
Curing time	: 7-14 days
Initial tensile adhesion strength	: ≥ 1 N/mm ²
Tensile adhesion strength after water immersion	: ≥ 0.5 N/mm ²
Tensile adhesion strength after heat aging	: ≥ 1 N/mm ²
High temperature adhesion strength	: ≥ 1 N/mm ²
Slip	: ≤ 0.5 mm
Extended open time: Tensile adhesion strength	: ≥ 0.5 N/mm ²

- 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

- Acrylic tile adhesive must be mixed before using the product. It must not be thinned.
- The notch size of the trowel must be determined according to the size of the tile to be applied and the smoothness of the surface.
- If there is film formation on the product surface during application, that part must be re-combed.
- Ceramics and tiles should be bonded within 30 minutes by applying a force with a rubber hammer onto the combed mortar.
- Bonding process should not be done if the mortar expires the open time, the mortar should be scraped off the surface.
- Point or line application should be done for bonding the insulation boards.
- Tiles installed with **AKR Acrylic tile adhesive** must not be subject to water for at least 10 days.
- In tile applications on old tiles, the drying time of the product may increase to 1-2 weeks depending on the ambient conditions and tile size.
- At least 3 days after the application of **AKR Acrylic tile adhesive**, the application is completed with **FUGAFLEX Silicone additive flex tile grout** according to the appropriate joint width.

CONSUMPTION

TILE	TROWEL	CONSUMPTION
≤ 120 cm ²	6x6x6 mm	2 kg/m ² for single-sided adhesion 2.5 kg/m ² for double-sided adhesion
120 cm ² -1100 cm ²	8x8x8 mm	3 kg/m ² for single-sided adhesion 4 kg/m ² for double-sided adhesion

WARNINGS AND RECOMMENDATIONS

- It is not appropriate to use in horizontal applications of interior and exterior surfaces, in very wet areas such as pool and water tank, areas with heat fluctuations, underfloor heated areas, in areas exposed to heavy load traffic, areas where fast application is required, on metal surfaces and wooden floors.
- **AKR Acrylic tile adhesive** is suitable for use within 30 minutes after application. Care should be taken not to form a film on the surface during application, if the film has formed, it should be combed again.
- Not suitable for use in periods exceeding 30 minutes.
- Do not apply in extremely hot, windy and rainy weather.
- 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.
- If tile size to be applied is large, mortar should be applied both on the application surface and on the back of tile.
- Not applicable on uneven grounds.
- Exterior use of product on tiles larger than 10x10 cm is not recommended.
- Do not apply in very humid or very hot weather.
- Product must not be applied on substrates which are frozen, melting or have the risk of frost within 24 hours.

QUALITY CERTIFICATES

- In Accordance with **TS EN 12004** standards and **D2TE** class.
- **D:** Dispersion based
- **2:** High performance
- **T:** Reduced slip
- **E:** Extended open time

PACKAGING

- 3.5 kg, 10 kg & 25 kg Plastic bucket

SHELF LIFE

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

COMPLEMENTARY PRODUCT(S)

- **TH-500** Repair mortar
- **FUGAFLEX** Silicone additive flex tile grout