

# 1052 KALEKİMBEYAZ

## White Tile Adhesive (C1TE)



### Description

White cementitious ceramic tile adhesive with extended open time and reduced slip.

### Fields of Application

- Floor and wall bonding of all types of ceramic tiles, mosaic and decorative bricks on cementitious renders, cementitious screeds and concrete.
- The substrates must be primed with KALEKİM DOLGULU ASTAR before bonding of tiles on existing ceramic tiles.
- Exterior bonding and grouting of glass mosaics.
- Interior and exterior bonding of glass bricks.

### Properties

- Perfect adherence.
- Allows installation of tiles from top towards the bottom.
- Extended open time.
- Easily trowellable.

### Application

- Substrates must be sound, free from oil, grease, and sufficiently dry. Cementitious substrates must be cured.

- Use TAMİRART or MASTAR 10 in case of uneven substrates to get a sound and flat surface.
- Wipe the back side of tiles with water if dusty.
- Pour 25 kg of KALEKİMBEYAZ into 6.5-8 litres of clean water slowly and mix to obtain a homogeneous paste free from lumps. A low speed mixer is recommended to mix. Do not add any additive which is not mentioned in the instructions for the application.
- Allow to stand for 5-10 minutes to mature. After 1-2 minutes remixing, the paste is ready for application.
- Spread the mortar onto the substrate with notched trowel of which notch size is appropriate to the tile dimension (See Notch Size Recommendation Table) To obtain a good adhesion first apply a thin coat of KALEKİMBEYAZ with the flat side of trowel, then notch with the toothed side of trowel.
- Open time is 30 minutes. Install the tiles within this period with pressure. Unfavourable climatic conditions (high temperature, low humidity, wind, etc) can reduce this time to just a few minutes. If this period exceed, scratch and discard the mortar.
- Dispose mortars of which pot life is expired. Clean tools and hands with water, surfaces with a damp cloth.

- Tiles installed with KALEKİMBEYAZ must not be subject to water for at least 24 hours.

### Warnings

- Since contains cement, irritating to eyes, respiratory system and skin. For further information refer to safety data sheet.
- Indicated consumption is a general information. It may change depending on the application conditions and surface properties.

### Storage

- Store in dry medium. Do not stack more than 10 bags on top of each other.

### Packaging

- 25 kg multi-ply paper bags.

### Technical Properties

(at 23°C and 50% RH)

#### General Data

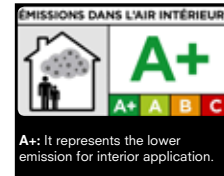
Appearance	White powder
Shelf Life	12 months when stored in the original sealed packing in dry place.

#### Application Data

Mixing Ratio	6.5-8 litres water / 25 kg powder
Pot Life	Approx. 6 hours
Application Temperature Range	(+5°C)-(+35°C)
Slip (EN 1308)	≤0.5 mm
Open Time (EN 1346)	After 30 minutes ≥ 0.5 N/mm <sup>2</sup>
Grouting	8 hours on wall; 24 hours after on floor
Consumption	3-5 kg/m <sup>2</sup>

#### Performance Data

Tensile Adhesion Strength (EN 1348)	
-initial	≥ 0.5 N/mm <sup>2</sup>
-after heat exposure	≥ 0.5 N/mm <sup>2</sup>
-after immersion in water	≥ 0.5 N/mm <sup>2</sup>
-after freeze/thaw cycles	≥ 0.5 N/mm <sup>2</sup>
Service Temperature Range (after final cure)	(-40°C)-(+80°C)
Release of Dangerous Substances (EN 12004)	See SDS.
Reaction to Fire	A1



**Certificates of Quality:**  
 TS EN 12004, Class C1TE  
 C: Cementitious  
 1: Standard  
 T: Reduced slip  
 E: Extended open time

