

## KÖSTER Adhesive Mortar

Technical guideline / Article number **5.13**  
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### 2-component mineral mortar

#### Features

KÖSTER Adhesive Mortar is a universally applicable 2-component adhesive mortar consisting of a mineral powder component and a matching liquid component. The material displays very good adhesion to all mineral substrates. KÖSTER Adhesive Mortar is characterized by a high stability.

of the liquid component to achieve the desired processing consistency. Make sure the mortar is mixed lump-free.

The material is applied using a spatula, trowel or something similar. The ready mixed product is applied in a layer thickness of 2 to 5 mm using a toothed trowel. Mineral plates can be bonded spotwise (lump bonding).

#### Technical data

##### Powder component

Bulk density  $1.9 \text{ g / cm}^3$   
Colour grey

##### Liquid component

ph-value  $10.5 - 11.5$

##### Cured mortar

Compressive strength (28 days)  $\geq 35 \text{ N / mm}^2$   
Flexural tensile strength (28 days)  $\geq 13 \text{ N / mm}^2$   
Adhesive tensile strength (28 days of curing)  $\geq 2 \text{ N / mm}^2$

#### Consumption

Approx.  $2.0 \text{ kg / m}^2$  per mm layer thickness

#### Cleaning of tools

Immediately after use with water.

#### Packaging

25 kg bag (powder component)  
8 kg canister (liquid component)

#### Storage

Powder component: In originally sealed packages storable for 6 months.

Liquid component: In originally sealed packages storable for 2 years.

Store both components in a dry and frost-free place.

#### Field of application

KÖSTER Adhesive Mortar can be used to bond together all customary mineral materials in construction (lime stone, light construction stone, tile, ceramic etc.).

#### Substrate preparation

The surface has to be clean, free of separating contaminants such as dust, oil and grease. The substrate has to be pre-wetted. Strongly absorbent substrates have to be primed with KÖSTER Polysil® TG 500.

#### Safety precautions

Avoid eye contact (Wear protective goggles).

#### Application

Fill approx. 5 – 6 kg of the liquid component in a clean mixing container. Then add the powder component portion by portion and mix it using a slow rotating mixing device. After that, use the rest

#### Technical guidelines cited

KÖSTER Polysil® TG 500

Art.-Nr. 4.011

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