

YAPIFINE® JOINT

Tile Grout Mortar (1 – 6 mm) – CG1



Product Definition

Cement based, high performance tile grout mortar suitable for joint applications up to 6 mm on linings such as tile and ceramic.

Areas of Use

- Indoor horizontal and vertical applications,
- Pressed brick, glass mosaic, granite joint applications,
- Suitable for use in wet spaces such as bathroom and kitchen.

Technical Specifications

Appearance	Grey, white, beige powder
Pot Life	1 hour
Application Temperature	Between +5°C and +30°C
Service Temperature	-30°C / +80°C
Time Before Use	1 day
Crusting Time (+20°C)	20 minutes
Flexural Strength	≥ 2.5 N/mm ²
Compressive Strength	≥ 15 N/mm ²


* Hereby technical values and product application instructions are obtained in the wake of tests conducted in environment of +23±2°C temperature with relative humidity of %50±5. Higher temperatures will shorten the time span, while lower temperatures will extend it.

 Packaging	20 kg kraft bag
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Advantages

- No dusting or cracking.
- Resistant to impact and vibration.
- Ensures smooth surface.
- Does not scratch surfaces.
- Long workability

Flexural Strength After Freeze – Thaw Cycles	≥ 2.5 N/mm ²	
Compressive Strength After Freeze – Thaw Cycles	≥ 15 N/mm ²	
Water Absorption	30 minutes	≤ 5 g
	240 minutes	≤ 10 g
Büzülme	≤ 3 mm/m	
Yangına Tepki	A1	

 Consumption	Ceramic Size	Joint Width			
		2 mm	3 mm	4 mm	6 mm
	10 x 10 cm	550 g/m ²	700 g/m ²	950 g/m ²	1500 g/m ²
	20 x 20 cm	300 g/m ²	400 g/m ²	500 g/m ²	750 g/m ²
	25 x 40 cm	200 g/m ²	250 g/m ²	300 g/m ²	500 g/m ²
33 x 33 cm	150 g/m ²	200 g/m ²	250 g/m ²	450 g/m ²	

Surface Preparation

Make sure the ceramics are properly adhered so they do not move during joint application.

Joint spaces should be freed from any kind of dust, dirt and cement residues that may prevent adherence.

The joint spaces must be clean, free from any residual dust, dirt, cement or any other kind of substances that might prevent adhesion. The in-joint depth should be 2/3 of the thickness of the ceramic.

Joint spaces should be wiped with a sponge and wetted before application.

Mixture Preparation

Pour YAPIFINE JOINT on 6.5 – 7.5 L of clean water slowly and mix to obtain a homogeneous paste free from lumps. Do not add any substances which are not mentioned in the instructions for the application.

Leave the mixture to rest and mature for 5-10 minutes. After mixing for 1-2 more minutes, the mortar is ready for application. Prepared mortar should be consumed within

1 hour. Expired mortars should not be used under any circumstances.

Application Information



Fill the joints completely with mortar using the appropriate rubber trowel, making sure the joints are completely compacted. Remove excess mortar on the surface by moving the float diagonally across joints.

When the mixture loses its plasticity and becomes matt, usually after 10-20 minutes, clean the surface with a damp sponge working diagonally to the joints. If cleaning is carried out when the mixture is still plastic, the grout may be dragged from the joint leading to color variations.

Any residue left can be cleaned from the surface with a clean dry cloth.

Application Conditions

Should not be applied to surfaces that were exposed to sunlight for too long or to surfaces that are too hot or frozen.

Should not be applied when the ambient temperature is not within the values of +5°C and +30°C.

The final consumption amount might vary depending on application conditions and surface characteristics.

Shelf Life

The shelf life of the product is 12 months when it is stored on wooden pallets in a cool, dry and moisture free environment with an ambient temperature between +10°C and +25°C.

Safety Precautions

The operator should be wearing proper work attire, goggles, mask and protective gloves appropriate to work and worker safety regulations. In case of contact with the eyes, rinse with plenty of water before seeking immediate medical attention. Rinse with plenty of water in case of contact with the skin. Since it is cement based, do not breathe its powder. For further information on the safe handling of this product please read the Safety Data Sheet (SDS).