

YAPIFINE® JOINT FLEX

Silicone Added Flexible Tile Grout Mortar
(1–6 mm) – CG2WA



Product Definition

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

Areas of Use

- Interior and exterior horizontal and vertical applications,
- Pressed brick, glass mosaic and granite joint applications,
- Suitable for use in wet spaces such as bathrooms and kitchens.

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

Advantages

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

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	≤ 2 g
	240 minutes	≤ 5 g
Shrinkage	≤ 3 mm/m	
Abrasion Resistance by Taber Abraser	≤ 1000 mm ³	
Reaction to Fire	A1	

* 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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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 FLEX 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



The prepared mortar is filled into the spaces with diagonal moves made with a rubber-ended squeegee or a joint trowel. The excess on the surface is removed with a soft-ended and wet spatula. Depending on the ambient temperature, 10-20 minutes after the application (when the material that was filled into the joint spaces loses its water and becomes dull) the thin joint residue on the surface should be cleaned with circular motions made with a wet sponge. The sponge used in this process should not be too soaked and the sponge should be cleaned frequently.

Application Conditions

Ambient temperature: between +5 °C and +30 °C.

Avoid application under strong wind or direct sunlight.

The indicated consumption amount is in general sense.

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).