

Technical Data Sheet

BILIS Natural Tile Adhesive No. 503

Suitable for For interior ceramic tiles, plates, cotto and small mosaics on walls and floors made of concrete, screed, plaster, gypsum board, aerated concrete or calcareous sandstone. Also suitable for heavy floor tiles and moist areas but not for swimming pools. Not suitable for heavy wall tiles. Suitable for floor heating systems if the pavement is a minimum of 28 days old.

Technical qualities Pulverized.

Full declaration Casein, quartz sand, marble powder, white lime hydrate, cellulose and diatomaceous earth.

Color Whitish after hardening.

Application method Apply using a spatula. (See below for further information)

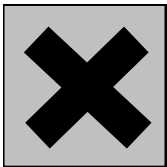
Coverage Determine the exact amount required by doing a test application. 1 kg is sufficient for 1 m². Coverage could be considerably less depending upon the condition of the surface.

Drying time At 23°C and 50% relative humidity, 24 hours, after which jointing can take place.

Cleaning up Clean equipment immediately after use with cold water.

Specific gravity Approximately 0.71 g/ml.

Safety advice

Xi	R38	Irritating to skin
	R 41	Risk of serious damage to eyes.
	S 2	Keep out of reach of children
	S 8	Keep container dry
	S 22	Do not breathe dust
	S 24	Avoid contact with skin
	S 25	Avoid contact with eyes
	S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S 39	Wear eye/face protection.
	Irritant	

Disposal According to local official regulations. Dried product residues can be disposed of as domestic waste.

Container sizes 0.5 kg; 5 kg; 25 kg.

Storage Cool, dry, and frost-free.

Preparation

Surface must be even, solid, dimensionally stable, dry, absorbent, clean, water-resistant, free of cracks and grease according to DIN 18365.

Remove all old coatings and wallpaper. Even out all uneven spots in the surface with suitable filler. Pre-treat strongly absorbent surfaces and surfaces containing gypsum with GRAVA Wall Primer Sealer No. 408.

Product preparation

Stir 0.5 kg of powder into 275 ml of water or 5 kg in 2.75 liter. After approximately 10 minutes, stir strongly (preferably with a whisk) until a homogeneous mass forms.

The prepared product, depending on the consistency and the weather, can be used for 1 – 2 hours. The drier and warmer the air, the faster the adhesive can harden.

Application

At room temperatures of at least 5°C to max. 30°C .

1. Apply adhesive to the surface with a toothed trowel. The thickness of the coating is determined by the material and condition of the tiles to be used, and of the underlying surface. When installing heavy tiles on vertical surfaces, tile crosses (or similar) should be used.
2. Place the tile into the adhesive bed, press into place, and straighten within 5 - 20 minutes. The open working time of the adhesive is dependent upon the relative humidity and the temperature in the room.
3. The jointing can be made at the earliest after 24 hours.
Compatible with the tile adhesive is for example HAGA Fugue mortar.
Please follow the instructions of the manufacturer.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the retailer, wholesaler, or manufacturer.

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