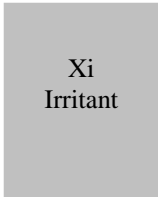


Technical Data Sheet

BILIS Tile Adhesive No. 503

Range of application	Interior ceramic tile and small mosaics on walls and floors made of concrete, composite materials, plaster, gypsum board, breeze block or chalky sandstone. Also suitable for heavy floor tiles. Not suitable for heavy wall tiles.	
Technical qualities	Powdered. Suitable for moist areas, not for swimming pools. Suitable for floor heating systems if the tile bed is a minimum of 28 days old.	
Full declaration	Casein, quartz sand, marble lime, white lime hydrate, cellulose and diatomaceous earth.	
Colours	Whitish, after hardening.	
Application method	Apply using a toothed trowel.	
Coverage	1 kg is sufficient for 1 m ² (10,7 ft ²). Coverage could be considerably higher depending upon the condition of the surface. Always do a test application!	
Drying time	At 23°C (73°F) and 50 % relative humidity, 12-24 hours, after which grouting can take place.	
Cleaning up	Clean equipment immediately after use with cold water.	
Specific gravity	Approximately 0.71 g/ml.	
Safety advice		R 38 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.
Disposal	Follow local guidelines.	
Container sizes	0.5 kg; 5 kg; 25 kg.	
Storage	Cool and dry, please see label for expiration date.	
	See reverse for Application Instructions	

How to use

BILIS Tile Adhesive No. 503

Surface preparation Surface must be dry, solid, absorbent, clean, water-resistant, free of cracks and grease. Remove all old coatings and wallpaper. Even out all uneven spots in the surface with a suitable filler. If possible, pre-treat highly absorbent surfaces and surfaces containing gypsum with GRAVA Wall Primer Sealer No. 408. Sand anhydrous surfaces, vacuum and fill with floor filler.

Product preparation Stir 1 kg of powder into 600 ml of water; more or less according to the container size. After approximately 10 minutes, stir strongly (preferably with a whisk) until a homogeneous mass forms.

Depending upon the consistency and the weather, prepared adhesive can be used for 1-2 hours.

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 tile on vertical surfaces for example tile crosses should be used.
2. The open working time of the adhesive is dependent upon the relative humidity and the application temperature (5-30°C), and amounts to approximately 10-20 minutes.
3. Place the tile into the adhesive bed, press into place, and straighten within 5-10 minutes.

The tiled surface can be grouted after approximately 12-24 hours (depending upon the material and the weather). A suitable grouting is Thomsit White Grout, among others.

LIVOS products contain organically sourced ingredients and are never tested on animals.

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.