

SPECIAL GROUT METAL TILES

DESCRIPTION

The **Metal Tile Special Grout** is a sand-free, superior-performance, high-additive grout with a satiny and extremely thin finish. This product meets ABNT NBR 14992 requirements for type II classification.

INDICATION

For grouting solid metal tiles or porcelain tiles lined with aluminum or stainless steel, with polished or brushed finish, and mirrored tiles:

- Commercial and residential areas;
- Indoor and Outdoor environments;
- Walls;
- Joints of 1 to 3 mm.

COMPOSITION

It is composed of Portland Cement, dolomitic limestone, inorganic pigments and special additives.

LIMITATIONS

DO NOT APPLY:

- In swimming pools;
- When filling spacing, expansion, movement or structural joints;
- On bases at temperatures below 10 °C and above 30 °C during application;
- On surfaces exposed to high temperatures, acids, chemical bases and solvents;
- On bases at temperatures below 10 °C and above 30 °C during application;
- After 1 hour and 30 minutes of mixing.

TECHNICAL RECOMMENDATIONS

- Base moisture, finishing techniques, dirt in joints, excess water in mixture, uneven drying and the presence of enamel at the edges of the coatings compromise the finish and cause hue and resistance variations in the final product;
- In case of colors that contrast with the piece, conduct a preliminary test in a small area in order to assess the final result.
- In case of questions about product and coating compatibility, conduct a preliminary test or contact the piece manufacturer.
- In order to prevent scratches on tile surfaces, do not use steel or plastic spatulas or trowels.
- Grouting residue should be cleaned before drying in order to prevent the appearance of potential surface scratches.

ATTENTION

Avoid contact with eyes, skin and clothing during handling. Wear safety glasses, rubber gloves and a mask to avoid inhaling the product. In case of contact with the eyes, rinse immediately with running water and do not induce vomiting in the event of accidental ingestion. In both situations, seek immediate medical help; **KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.**

CONSUMPTION

ESTIMATED GROUT CONSUMPTION (kg/m ²)					
Size of Tile			Joint width (mm)		
Height (cm)	Width (cm)	Thickness (mm)	1	2	3
1.5	1.5	5	1.19	2.37	3.56
2.5	2.5	5	0.71	1.42	2.14
4.5	4.5	5	0.40	0.79	1.19

For round metal tiles with a diameter of 2 cm, the approximate consumption is 2.8 kg/m². Consumption may vary according to application technique and tile dimensions.

STORAGE AND SHELF LIFE

Store in the original packaging, in a dry place, protected from rain, sun and heat, on pallets and in stacks no more than 1.5 meters high. If stored according to the instructions above, the product has a shelf life of 24 months after the manufacturing date stated on the packaging.

BASE PREPARATION

- Cleaning the joints while the bonding mortar is still fresh is recommended. This procedure makes grouting easier.
- Joint depth can damage the product finish. A preliminary test on a small area is recommended to check the finish quality.
- Do not apply grout over wet bases and bonding mortars, as the water migrates to the surface, causing loss of adhesion and stains in the grout.
- Protect friction-sensitive surfaces (aluminum parts, special metal inserts and embossed details) with adhesive tape, as they can get stained and scratched during application.

- Lightly wet the coating surface with clean water before grouting, to facilitate application and keep the ceramic tiles clean. Under extreme conditions (high temperature, low relative humidity and strong wind), joints need to be wet with water, without drenching, to ensure product adherence.

IMPORTANT

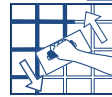
- Add the amount of water described on packaging; otherwise, the grouting color may change after drying.
- Apply the grout according to the time indicated on the packaging of the bonding mortar being used. If this information is not available on the packaging, wait at least 72 hours after laying.
- Do not touch up after the beginning of setting time so that product's final strength is not compromised.
- We recommend grouting the entire area at once to prevent uneven product drying and compromising the finish.

APPLICATION INSTRUCTIONS



1. In a clean, dry, metal or plastic container, mix the product manually or mechanically with clean water until it forms a firm paste without any dry lumps. Work with the product protected from the sun, wind and rain, so as not to interfere with the mortar setting time. **DO NOT ADD ANY COMPONENTS OTHER THAN WATER.**

Type of Grout	Amount of Powder	Amount of Water	Acceptable Water Variation
Metal Tiles	1.0 kg	340 ml	+ or - 5 ml



2. Apply the grout with the aid of an EVA rubber trowel using continuous back-and-forth movements in diagonal direction (approx. 45°) of the laid tiles, pressing the mortar into the joints until they are level with the coating edges.



3. After 15 to 30 minutes, using a sponge moistened with clean water, perform finishing with circular movements. Constantly change the water during this operation, always keeping the sponge clean.



4. Twelve hours after application, clean the metal tiles with a slightly damp cloth to remove the product residue from the coating. Perform this process gently in order to prevent potential scratches.
5. Do not use any acid-based products for cleaning. The final product curing will take 28 days.