



# Giuntolastic

**POLYMER LIQUID ADDITIVE TO BE MIXED IN TOTAL OR PARTIAL REPLACEMENT OF MIXING WATER WITH CEMENTITIOUS GROUTS, FOR GROUTING OF JOINTS BETWEEN ALL TYPES OF CERAMIC TILES SUCH AS SINGLE-FIRED, PORCELAIN STONEWARE, LARGE SIZED, KLINKER, GLASS AND MARBLE MOSAIC, NATURAL STONES. ENHANCES THE MECHANICAL PERFORMANCE, IMPROVES ADHESION AT THE EDGES OF THE TILES, REDUCES THE ELASTIC MODULUS MAKING GROUTING MORE FLEXIBLE, IMPROVES IMPERMEABILITY AND RESISTANCE TO ABRASION.**



**TECHNICAL DATA SHEET - REV. 01/2022**

## DESCRIPTION

GIUNTOLASTIC is a liquid polymeric additive in aqueous dispersion which, when mixed with cement-based products for grouting joints between ceramic tiles (FUGAKOLOR DESGIN 0-6 mm, NEOFIL COLOR 0-4 mm, FUGAKOLOR 1-20 mm or NEOFIL COLOR 4-20 mm) improves their compactness, increases their mechanical performance, improves adhesion to tile edges, reduces the elastic modulus making grouts more flexible, improves waterproofing and abrasion resistance.

## FIELDS OF APPLICATION

GIUNTOLASTIC is used as a total or partial substitute for mixing water with cement-based sealants FUGAKOLOR DESGIN 0-6 mm, NEOFIL COLOR 0-4 mm, FUGAKOLOR 1-20 mm or NEOFIL COLOR 4-20 mm, whenever particular stresses are expected on the joints (such as in boat flooring or boat tiling) or in the case of grouting of pre-scored material.

## SUBSTRATE PREPARATION

The grouting can be applied at least 24/36 hours after laying the floor and in any case, check that the waiting times indicated in the technical data of the adhesive used have elapsed. Excessive residual moisture between the joints can lead to different curing times of the grout sealant, with the possible formation of whitish efflorescence or variations in the final colour due to the migration of soluble salts to the surface carried by the residual moisture in the substrate.

The joints to be sealed must be cleaned of dust and adhesive or cement residues throughout the entire thickness of the coating, in order to have as uniform a depth as possible. Different thicknesses would require different drying times with a possible variation in the final colour. Remove any spacers used for laying the tiles.

On tiles with polished surfaces or microporous glazes, perform a preliminary cleanability test on a small portion of the surface.

Moisten the joints evenly before applying the sealant, avoiding water stagnation

## APPLICATION

Shake GIUNTOLASTIC before opening the package, then pour the prescribed amount into a clean container, add the sealant powder and mix until a homogeneous, lump-free paste is obtained. Let the mixture rest for a few minutes, remixing quickly before use. Apply the sealant with a smooth rubber trowel or a hard rubber doctor knife, compressing it inside the joints until they are filled, without leaving any gaps or unevenness. Remove any excess grout while fresh to guarantee a homogeneous finish, working diagonally with respect to the tiles. Wait until the surface of the filler becomes matt before proceeding with final cleaning. Clean the grout residue with a large damp sponge washed frequently in clean water, working with rotating movements so as not to dig into the joints, avoiding creating water stagnation on fresh joints. Once the product is hardened properly, remove any residue with an abrasive sponge, such as Scotch-Brite, or a dry cloth to remove traces of dust. If the surface of the coating is still dirty due to an inadequate

cleaning technique, PULINET descaling detergent can be used at least 10 days after applying the grouting, while bearing in mind that it is not to be used on limestone or marble surfaces.  
 In the first 3 days after sealing the joints, protect the coating by preventing water from collecting on the joints, including through condensation from ambient moisture.

## MIXING RATIOS

Product	Ratio
Fugakolor Design 0-6 mm	1:4
Fugakolor 1-20 mm	1:3
Neofil Color 0-4 mm	1:4
Neofil Color 4-20 mm	1:3

## RECOMMENDATIONS

- ◆ Never use GIUNTOLASTIC to grout terracotta floors or very porous tiles.
- ◆ When grouting smooth porcelain stoneware, carry out a preliminary test to check its cleanability.
- ◆ Always observe the recommended mixing ratio, do not add excess water when the hardening process has started, as it would significantly decrease the mechanical resistance.
- ◆ Protect the covering from rain and wash-out or direct sunlight, until the product is fully hardened.

## PACKAGING

GIUNTOLASTIC is supplied in 5-litre plastic cans and 1-litre plastic bottles in boxes of 20. Store in tightly closed original packaging and protected from frost. In these conditions its stability lasts at least 12 months.

## SAFETY INSTRUCTIONS

The product does not contain solvents and is therefore not flammable or harmful to health. Use protective glasses and gloves. Refer to the respective Safety Data Sheet for more information about how to use the product safely.

## SPECIFICATIONS

Liquid polymeric additive, such as **GIUNTOLASTIC** by Colmef Srl, to be mixed as a total or partial replacement of mix water with cementitious sealants, for sealing joints between ceramic tiles of all types.

## TECHNICAL DATA

Appearance:	liquid
Colour:	whitish
Harmfulness L. 88 / 379 EEC:	no
Apparent specific weight (g/cm <sup>3</sup> ):	1.02
Temperature resistance:	from -30 °C to +80 °C
Allowed application temperature:	from -5 °C to +35 °C

DATA DETECTION AT +23°C - 50% R.H. AND IN ABSENCE OF VENTILATION

The information in this bulletin is based on our best experience. We cannot be held liable for any product misuse. We therefore recommend anyone who intends to use this product to assess whether it is suitable for the intended application and to perform preliminary tests in any case. Always refer to the latest updated version of the technical data sheet available at [www.colmef.com](http://www.colmef.com).

**FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.**

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