
BoostColor

Technical Specifications



Pro polymer latex to improve the elasticity, adhesion, water resistance and impact resistance of grouts.

Product description Highly hydrophobic synthetic latex in aqueous dispersion, based on acrylic polymers.
Suitable for grouting balconies, terraces, swimming pools and underfloor heating systems

Uses Liquid additive to be used when mixing X-Color 06® or X-Color 2 12® cementitious grouts, as a complete replacement for mixing water.
The use of the additive gives the grout high water repellency and improves its deformability and adhesion, making it suitable for heavy-duty applications.

Product specifications	Appearance	Liquid
	Colour	White
	Customs heading	39069000
	Responsible Packaging	1 kg recycled plastic bottle and 5 kg recycled plastic jerrycan
	Shelf life	24 months in original packaging in a dry place. Protect against frost.

Mixing ratio

Grouts	X-Color® 06	X-Color® 2 12
3 kg (1 bag)	0.9 l of BoostColor®	0.6 l of BoostColor®
20 kg (1 bag)	6 l of BoostColor®	4 litres of BoostColor®

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Compliance with EN 13888 – ISO 13007	CG2 WA	X-Color® 06/2 12 + BoostColor®
Abrasion resistance	≤ 1000 mm ³	EN 12808-2
Compressive strength after 28 days	≥ 15.0 N/mm ²	EN 12808-3
Compressive strength after freeze-thaw cycles	≥ 15.0 N/mm ²	EN 12808-3
Flexural strength after 28 days	≥ 3.5 N/mm ²	EN 12808-3
Flexural adhesion after freeze-thaw cycles	≥ 3.5 N/mm ²	EN 12808-3
Shrinkage	≤ 2 mm/m	EN 12808-4
Water absorption after 30 minutes	≤ 2 g	EN 12808-5
Water absorption after 240 minutes	≤ 5 g	EN 12808-5
Alkali resistance	Good	
Solvent resistance	Good	
Acid resistance	Good	acid-resistant with a pH > 3 resistance

Application Specifications

Mixing ratio	Secondary use
Consistency of the mix	Creamy mortar
Dough proving time	5 minutes
Brookfield viscosity (sp 6–20 rpm)	20–30 mPa·s
Solid residue	10%
pH	10 - 12
Pot life	About 40 mins
Specific gravity of the mixture	Secondary use
Waiting time before cleaning	Approx. 15–20 minutes
Application	X-Color® rubber-backed trowel
Permissible application temperatures	From +5°C to +30°C
Ready for foot traffic	24 hours
Commissioning	7 days – Swimming pools 14 days
Operating temperature	From -30°C to +80°C
Cleaning of equipment	With water when the product is fresh. Mechanically once the product has hardened.
Coverage	Secondary use

Preparation of the mix

Pour the correct amount of liquid, depending on the application, into a clean container and slowly add the powder, mixing with an electric drill fitted with a mixing paddle until a smooth, lump-free mixture is obtained.

Leave the mixture to rest for 5 minutes and stir briefly for a few seconds.

Do not add any further liquid to the mix once setting has begun.

Mixing by hand is not recommended.

Application

Apply the mixture to the grout lines using a suitable X-Color® rubber trowel until fully saturated, using diagonal movements across the direction of the grout lines and removing any excess material from the surface of the ceramic tiles.

Cleaning and finishing

Surfaces must be cleaned and the grouting finished whilst the product is still fresh, taking care not to empty the joints. Once the product has lost its workability and become matt (on average after 15–30 minutes, depending on the width of the joints), clean and finish the surface of the grout lines using a damp, well-wrung X-Color® sponge, taking care not to leave any water marks on the still-fresh product. Any dried product marks can be easily removed from the surface of the ceramic tiles with a clean cloth once the product has set. If any traces of product remain on the tiled surface after cleaning, these can be removed using X-Cleaner or X-Cleaner Forte acid-based cleaners. Do not use X-Cleaner or X-Cleaner Forte on materials that are not acid-resistant, such as marble or polished natural stone.

Warnings

Observe the mixing ratio.
Excessive quantities of additive in the mix reduce the mechanical properties of the cured product and may cause colour variations in the grouting.
Change the wash water frequently.
Protect from direct sunlight or strong draughts for the first 12 hours after application.
As the additive is a water-based latex, it is sensitive to frost. Transport and store the product at temperatures not below +5°C.
Do not use for applications not listed on this technical data sheet.
For further information, please contact Litokol's Technical Customer Service on +39-0522-622811 or via customercare@litokol.com

Safety Information

For the safe use of our products, please refer to the latest version of the Safety Data Sheet, available at www.litokol.com
PRODUCT FOR PROFESSIONAL USE

Legal notices

The information and specifications set out in this technical data sheet are based on our best experience. However, as we are unable to directly influence site conditions or the execution of the works, these are general guidelines which do not in any way bind our Company. We therefore recommend carrying out a preliminary test to verify the product's suitability for the intended use; in any case, anyone intending to use it is required to determine whether or not it is suitable for the intended use and, in any event, assumes all liability that may arise from its use. Always refer to the latest updated version of the Technical Data Sheet, available on the website www.litokol.com

Specification item

The addition of additives to cementitious grouts for the on-site grouting of ceramic tiles, porcelain stoneware, mosaics and marble, to improve flexibility and adhesion, shall be carried out using water-based latex such as BoostColor® from Litokol Lab S.p.A.

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