



COLORTECH IS AN ADVANCED HIGH-PERFORMANCE CEMENT GROUT. IT IS FORMULATED FOR VIRTUALLY ALL TYPES OF RESIDENTIAL AND COMMERCIAL INSTALLATIONS AND OFFERS GOOD RESISTANCE ON THE MOST DEMANDING INTERIOR OR EXTERIOR APPLICATIONS.



PRODUCT DESCRIPTION

Colortech is an advanced high-performance cement grout. It is formulated for virtually all types of residential and commercial installations and offers good resistance on the most demanding interior or exterior applications. Colortech is a fast-setting fast setting suitable for joints 1 mm – 8 mm wide on floors, walls, or pools. Colortech is a cementitious (C) for grouting (G) improved (2), with reduced water absorption (W) and high resistance to abrasion (A), class CG2WA according to EN 13888.

FIELD OF APPLICATION

- For interior and exterior use
- For walls or floors
- Suitable for joints from 1 to 8 mm for glass mosaics, ceramic, porcelain tiles, etc
- It is used for commercial and residential usage
- It is used for swimming pools, fountains, and other wet area applications
- Suitable for heated floors and walls
- Suitable for non-moisture sensitive stone

ADVANTAGES

- One-component and premixed – just mix with water
- Excellent for wet and submerged applications
- Enhanced stain resistance
- Fast-drying, areas can be used after 6 hours
- Minimizes efflorescence effect

- Easy to use
- Low VOC emissions – better indoor air quality
- Crack and shrink resistant
- Frost resistant
- Flexible

SUITABLE SUBSTRATES

- Ceramic Tile
- Porcelain Tile
- Stone Tile
- Glass Tile

LIMITATIONS

- Do not mix with other cement or components.
- Do not use an acidic solution to clean colored grout joints.
- Do not apply on areas where high chemical resistance is required
- Do not apply in joints over 8 mm.
- Do not apply in temperatures above 40°C below +8°C.
- The grouts for ceramic tile, pavers, brick, and stone are not replacements for waterproofing membranes.
- Job site conditions can affect the final color of colored grouts.
- It is recommended to use expansion joints where necessary.

APPLICATION PROCEDURE

A) Preparing the substrate

Before starting to grout application, remove spacers and debris in grout joints and dust and dirt using a wet sponge. Do not leave water standing in joints.

B) Preparing the product

While stirring, pour Colortech into a clean, rust-free container containing 28-30% by weight of water. Mix the grout with a low-speed electric mixer to avoid air entrainment until a smooth mixture is created. Let the mixture to stand for 5 minutes, and stir again briefly before use. Use the mix within 30-45 minutes of its preparation.

C) Applying the product

Apply the product with a rubber spatula, directing across the joints, in order to remove the excess of the grout, hold the spatula at a 90° angle and pull it diagonally across the joints. Wait for the grout to partially dry (become opaque in about 5-10 minutes) and proceed with the final cleaning of the tile's surface using a wet sponge and rinsing it frequently. The total cleaning can be done the next day with a dry cloth. When the grout is still soft, cleaning too early may remove some of the grout from the joints and may cause color variation. It is recommended to apply in small enough areas to grout and clean before the grout dries out too much.

D) Cleaning

If it is necessary to facilitate the removal of hardened grout, it is advisable to do the cleaning using Tile Cleaner diluted in water (1 part Tile Cleaner and 5 part water).

COVERAGE / CONSUMPTION

The consumption of COLORTECH varies according to the size of the joints and the size and thickness of the tiles.

PACKAGING

Colortech is supplied in:

- 5 kg plastic bags
- 2 kg plastic bags

SHELF LIFE-STORAGE

Original sealed bags of this product are guaranteed to be of first quality for 24 months if stored off of the ground in a dry area. The high humidity will reduce the shelf life of the bagged product.

SAFETY INSTRUCTION

COLORTECH contains cement that, when in contact with sweat or other body fluid, can cause allergic reactions to those predisposed and irritant alkaline reactions and allergic reactions to those predisposed. It can cause damage to the eyes. Wear protective gloves, goggles, and take the usual precautions for handling chemicals during use. When in case of contact with skin or eyes, wash immediately with plenty of water and seek medical attention.

TECHNICAL DATA

Product identity

Consistency	fine powder
Color	42 colors
Bulk density (kg/m ³)	1,400
Dry solids content (%)	1400
Contenuto di solidi secchi (%)	100
Standard	EN 13888

Application data (at +23°C and 50% R.H.)

Mixing ratio:	28 – 30% water, dependent on the color
Consistency of the mix:	pasta fluida
Density of mix (kg/m ³):	1,980
pH of mix:	approx. 11
Pot life of mix:	45-60 minutes
Application temperature range	from +5°C to +35°C

Final performances

Flexural strength after 28 days (N/mm ²) (EN 12808-3):	7
Compressive strength after 28 days (N/mm ²) (EN 12808-3):	30
Flexural strength after freeze/thaw cycles (N/mm ²) (EN 12808-3):	7
Compressive strength after freeze/thaw cycles (N/mm ²) (EN 12808-3):	30
Abrasion resistance (EN 12808-2): 900 (loss in mm ³)	
Shrinkage (mm/m) (EN 12808-4):	1.5
Water absorption (g) (EN 12808-5) after 30 minutes:	0.3
Water absorption (g) (EN 12808-5) after 4 hours:	0.5
Resistance to solvents and oil:	
Resistance to alkalis:	excellent
Resistance to acids:	good resistance to acids, pH > 3



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