

Three-Component Epoxy Tile Grout – Chemical Resistant and Hygienic

DESCRIPTION

CasTech Tile Grout EG is a three-component, epoxy resin based grouting system for ceramic tiles in hygienic and heavy-duty conditions. Once all the components are mixed, it gives a thixotropic paste used to grout the joints between ceramic tiles, mosaic, natural stones, marble, etc.

TYPICAL USES

Internal and external grouting of ceramic tiles, mosaic, natural stones (every type of marble, especially those sensitive to water such as Verde Alpi, Rosso Sicilia, sandstones and slate), Klinker, etc.

Wherever excellent mechanical properties, chemical resistance and a hygienic environment are required, including:

- Chemical factories
- Food production and processing
- Catering facilities
- Electrical and mechanical rooms
- Service facilities and laboratories

ADVANTAGES

Key advantages:

- Easy application
- Suitable for wet areas
- Chemical resistant
- Solvent free

TYPICAL PROPERTIES

Colour	Grey and white (other colours on request)
Density @ 25°C	1750 kg/m ³
Pot Life	45 minutes at 20°C 30 minutes at 30°C
Compressive Strength	75 N/mm ²
Tensile Strength	15 N/mm ²

All values given are subject to 5 – 10% tolerance.

SURFACE PREPARATION

CasTech Tile Grout EG adheres to all solid, load-bearing, clean and dry surfaces free of substances which can cause separation. The surface, thin-bed mortar or bedding mortar must have set sufficiently hard, and joints must have been uniformly scraped.

Joint preparation: grouting can start 24 hours after tile fixing. Clean the joints thoroughly, remove any loose tile

adhesive and dust, and make sure the joints are dry.

MIXING

CasTech Tile Grout EG is of heavy consistency and should be mechanically mixed. Pour the reactor (Part B) into the base (Part A) and mix thoroughly using a slow-speed electric drill with a paddle attachment for approximately 2 minutes, or until a lump-free, uniform consistency and colour is obtained. Use the mixed quantity within the pot life of the product.

APPLICATION

Apply the product with a hard rubber spatula. Immediately clean excess material with a slightly wet soft cloth; final cleaning should be done with a sponge dampened with solvent. Cleaning of excess material should take place within 15 minutes. Do not allow water to contact the wet grout, and allow the grout to cure before allowing foot traffic.

CLEANING

Clean tools with hydrocarbon solvents after use. Hardened material can only be removed mechanically.

PACKAGING

CasTech Tile Grout EG is available in 3.2 kg and 6.4 kg units.

STORAGE AND SHELF LIFE

Store in cool, dry and shaded warehouses, under cover, out of direct sunlight and protected from extreme temperatures. Shelf life is 12 months when stored as recommended. In extreme tropical climates, store in a cooled environment; excessive humidity and over-exposure to UV will reduce shelf life.

HEALTH AND SAFETY

CasTech Tile Grout EG contains no hazardous substances; however, as with all construction chemical products, caution should always be exercised.

PPE: Wear gloves and goggles whilst handling. Long-sleeve overalls, safety shoes and a face mask are recommended for maximum safety.

Precautions: Treat any contact with skin or eyes with fresh water immediately. If swallowed, do not induce vomiting; seek medical assistance immediately. Reseal all containers after use.

Additional information: Refer to MSDS (available on request).

Product Data Sheet
CasTech Tile Grout EG

Nov-2025, Ver. 01.01



TECHNICAL SUPPORT

CasTech provides on-site assistance and consulting services on projects when requested. Technical data sheets on

other CasTech products and guidance on their use are available on request.

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