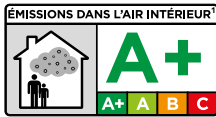


CERMIGROUT 08

MICRO-CONCRETE FOR COARSE SEALING AND SHIMMING FROM 50 MM AND UP



Grey



DESCRIPTION

Shrinkage-compensating micro-concrete with a fluid consistency for sealing and shimming, ready to mix.

ADVANTAGES

- Excellent fluidity with low water additions
- Shrinkage-compensating
- High mechanical strength and vibration-resistance
- Chloride-free, non-corrosive. Does not affect reinforcements.
- Can be pumped
- Excellent adhesion
- Oil-resistant

WHERE TO USE

- For precision sealing offering high compressive strength and vibration absorption: anchor bolts in riprap, walls, etc.
- For sealing anchors, bridge base plates and abutments, decks, railings, motorway safety barriers, posts for overhead power lines, anti-noise panels, etc.
- For sealing turbines, generators, pumps, mills, rolling mills, motors, presses, ventilators, steam engines, converters, compressors, blowers, diesel engines and other installations with high vibration due to rotation.
- For sealing prefabricated buildings made of metal or prestressed concrete.
- For sealing metal supports, abutments and bridge beams, crane rails, radio telescopes, power plant installations, supports, etc.
- Suitable for thicknesses upwards of 50 mm. Higher thicknesses possible for areas with steel reinforcement and fretting.
- For point repair with formwork.
- For work in a marine environment.

HOW TO USE

Note: The following is a typical description of the application. If your site has other parameters, contact our Technical Department.



2.8 L
for 25 kg



Application
temperature



Pot life
30 min



Clean with
water

SURFACE PREPARATION

Before applying the product to the substrate, ensure that it is perfectly clean, free of friable parts, free of grease, oil or other soiling that would interfere with good grip.

Methods that achieve this include finishing with a bush hammer, milling, hammering or any other method that is sufficiently efficient to produce good cohesion with the substrate.

After preparation, moisten the substrate heavily until saturated. Clear away any residual water.

The substrate will be "mat damp".

If the substrate still remains questionable at that point, using a cement slurry of the CERMILATEX type will be essential. It will be made up on the basis of the mortar mixed, adding 10% water to it.

PREPARING THE MIXTURE

Add 2/3 of the mixing water (max. 2.8 L) into the mixer (preferably forced mixing).

Drizzle the powder in.

Mix to obtain a homogeneous lump-free mixture.

Complete with the remaining water to obtain the desired consistency (never exceed the prescribed amount). Mixing should take 5 minutes.

When the temperature is above +25°C, store the product in shade and use cold water.

APPLICATION

CERMIGROUT 08 can be vibrated, compacted and pumped. There is no risk of segregation.

CERMIGROUT 08 can be prepared by hand for small quantities. Any product not used within 30 minutes of preparation or that is starting to harden must no longer be used.

For 48 to 72 hours following the use of CERMIGROUT 08, it is necessary to take measures to protect exposed surfaces from wind or sun.

APPLICATION CONDITIONS

Application temperature: +5°C to +30°C

Pot life: 30 minutes at 20°C

COMMENTS

In hot weather or high winds, as soon as the visible surface of the mortar becomes mat, perform an efficient cure by spraying clean water, covering with a damp cloth or applying a curing product.

In cold weather, cover with insulation cloth made of polystyrene or another insulating material.

Protect the repair area from rain until the product is fully hardened.

CLEANING AND MAINTENANCE

The equipment must be cleaned immediately with water. Once cured, the product has to be removed mechanically.

TECHNICAL CHARACTERISTICS

COVERAGE

Plan approximately 2.3 kg of powder to make 1 litre of micro-concrete or 2.3 tons of powder for 1 m³ (excluding losses).

TECHNICAL CHARACTERISTICS

Technical Characteristics	Value	
Maximum particle size	0 – 8 mm	
Adhesion	3,4 MPa	
Specific weight	2334 kg/m ³	
Aptitude for set-up	Bubble area < 5%	
Compressive strength	at 18 hr	34,7 MPa
	at 24 hr	54,3 MPa
	at 3 days	83,6 MPa
	at 7 days	90,4 MPa
	at 28 days	100,4 MPa
Flexural strength	at 18 hr	6,1 MPa
	at 24 hr	8,7 MPa
	at 3 days	10,7 MPa
	at 7 days	11,0 MPa
	at 28 days	11,3 MPa



CERMIGROUT 08

CERMIX- Rue de la Belle Croix - 62 240 DESVRES

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EN 1504-6
Anchoring product

Pull-off adhesion strength	Displacement ≤ 0.6 mm for a load of 75 kN
Chloride ion content	≤ 0,05 %
Reaction to fire	Classe A1
Hazardous substances	See safety data sheet

PACKAGING

25 kg bag – 48 bags per pallet.

STORAGE & SHELF LIFE

Can be stored for 12 months from the manufacturing date in the original, unopened packaging.
Store in a dry place at temperatures between +5°C and +35°C.

SAFETY INSTRUCTIONS

- EMISSIONS IN INDOOR AIR (1): Information on the level of volatile substances emitted in air indoors, presenting a toxicity risk by inhalation, on a classification scale ranging from A+ (very low emissions) to C (high emissions).
- Consult the safety data sheet at www.quickfds.fr or ask CERMIX France for it.
- Always wear personal protective equipment that meets current guidelines and regulations.
- Dispose of the contents and container in accordance with local/regional/national/international regulations.

We reserve the right to update this technical document. It is the user's responsibility to always check whether there is a more recent version available at our website, www.cermix.com. It is the responsibility of the person using the products to ensure that the products are compatible and suitable for the planned use. Prior tests may be carried out to confirm that products behave as expected.