

CemenTech C2

Two-Component Flexible Waterproofing Mortar

Product description:

It is cement based, two-component, composed of grey-colored powder and blue-colored emulsion, flexible waterproofing mortar that is reinforced by polymeric additives and used in the solution of waterproofing problems. It provides water insulation in garages, terraces and foundations. CemenTech C2 is water-repellent and can be used from the positive side only.

Application areas:

- From positive side only,
- Both vertical and horizontal,
- In wet volumes,
- In continuously wet, humid and damp areas such as garage, balcony, terrace and cellar,
- Water tanks, pools, reservoirs and storage tanks,
- In foundations, basement walls, underground and surface construction works,

Features:

- Provides impermeability against the pressured water effect.
- Resistant to heavy weather conditions.
- High adhesion quality, strongly adheres to surfaces.
- High abrasion resistance.
- Flexible.

Technical data:

Color	Grey
Applicable Thickness (mm)	Max 5
Dry Unit Volume Weight (kg / lt)	1,4 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,8 ± 0,2
Waiting Time in Container (min)	~ 30
Drying Time (hour)	~ 24
Compressive Strength (28 days) (N / mm ²)	≥ 5
Bending Strength (28 days) (N / mm ²)	≥ 3
Adhesion Strength (28 days) (N / mm ²)	≥ 1,5
Special mixture emulsion amount (for 25 kg powder component)	10 kg blue-colored liquid emulsion
Application temperature	Between +5°C and +35°C
Resistance of hardened coating	Between -25°C and +80°C

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

Preparing the substrate :

- The surfaces to be coated should be free of adhesive preventive foreign substances such as dust, dirt, mould oil, paint etc.; residues and wastes like cement, plaster and concrete should also be removed.
- The sub-surfaces that are not strong enough to carry themselves e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.

Application:

- Powder form Bostik CemenTech C2 Waterproofing Mortar should be poured slowly on liquid component (10 kg) that has been put into a clean container filled, and should be mixed by means of a mixer with low cycle until a cluster-free mixture is obtained. Mixture duration should be minimum 5 minutes. The mixture obtained at the end of the process should be rested for 3 minutes and mixed again until it becomes homogenous for 2 minutes.
- Bostik CemenTech C2 Waterproofing Mortar emulsion should be shaken well before use.
- Application should be at least two layers thick. After applying the first layer, at least 4-6 hours should be rested and second layer should be applied before waiting period exceeds 24 hours.

- The cracks that might be formed in the event of application to very wide surfaces should be prevented by means of application by leaving joints. Joints should be filled with flexible filling material.
- On the moving grounds that have cracking risk, Bostik FlexMesh net can be applied as an intermediate layer between the application with the aim of forming a water isolation layer which is more flexible in order to meet the tensile stress.
- It shouldn't be applied to hot or frozen surfaces directly.

After application:

- Freshly applied surfaces should be protected against direct sun light, strong air stream, high air temperature (above +35°C), rain and frost in the initial days.
- Any kind of plaster application on the application surface or ceramic tiling works should be performed 3 days later.

Coverage:

Approximately 1,5 – 2,0 kg/m² per each 1 mm thickness.

Coverage amounts are theoretical values and it is recommended that coverage-controlled sample application is carried out before application.

Package:

Powder component in 25 kg craft bag, 64 bags in 1 palette (1600 kg/palette)

Liquid component in 10 kg plastic drum.

Storage :

- Dry mortar bags should be protected for water, frost and adverse weather conditions.
- They should be kept dry and cool on wooden pallets.
- The torn and opened products should be closed immediately and consumed first.
- Maximum 8 buckets should be stocked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

Risk Marks:

R23/24/25 : Poisonous when inhaled, swallowed and contacted with skin.

Security signs:

S2: Keep out of reach of children.

S3: Keep cool.

S9: Keep the package dry.

S26: Rinse with water thoroughly when contacted with eyes and consult a doctor.

S28: Rinse with water thoroughly when contacted with skin and consult a doctor.

S29: Do not throw in the drain.

S36/37/39: Wear suitable protective clothing, protective gloves and glasses / mask during the operation.

BOSTIK is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved.



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