



MICROCONE 2A

Rapid setting liquid material for fast plugging

Description

A ready to use waterproofing liquid. When mixed with cement, sets in 30-40 seconds to seal severe water infiltrations.

Advantages

- The use of MICROCONE 2A enables the stemming of severe water infiltration or out flow in
- mines, water reservoirs, manholes etc.
- In water retaining structure damage condition it acts as emergency water stopping
- Excellent bond to the substrate where applied
- It produces low exothermic heat which reduces thermal cracking
- Contains no chloride admixtures

Uses

- Rock masonry and Manholes
- Joint filling, pointing between concrete segments in concrete and brick tunnels, sewage
- systems, pipes and mines
- Stops active water or seepage under pressure through joints, cracks and holes in concrete or masonry, where a normal mortar would be washed away
- In construction joints
- For instant sewer connections

Technical Information

PROPERTIES	RESULTS
Appearance	Viscous alkaline liquid
Color	Light yellow
Density	1.25 Kg/lit
Chloride content	Nil
Minimum working temperature	Above 5°c
pH value	7 to 8

Application Instruction

- Surfaces should be thoroughly cleaned, roughened and washed with fresh, clean water to remove any dirt, debris, loose, particles or contaminants. Level off any sharp surface protrusions.
- Cracks and fissures may need to be enlarged to increase the bond. Chasing out to achieve a slight dovetail effect is ideal.
- Place MICROCONE 2A into a rubber bowl and then add the fresh cement Stir briefly for a few seconds. Form the paste by hand into a tapered plug and place it immediately into the hole pressing firmly for 30-40 seconds until hard.
- After application of the paste it should be covered with a splatter coat of cement rich mortar containing coarse sand if a sub sequent coating of waterproof plaster or gunite is to be applied.
- In areas of medium to heavy water infiltration plastic tubing should be fitted in to the wall at appropriate positions and left protruding through the render. This will alleviate any back pressure until the render has fully hardened.

Typical Dosage

- One part MICROCONE 2A is mixed by volume with two parts of Portland cement, (approx. 40% by weight). Dilution is not recommended.

Packaging

- MICROCONE 2A is available in 10 to 20 lit packs.

Shelf-life

- Minimum 1year if unopened in original containers when stored at room temperatures i.e. 27°C. MICROCONE 2A is unaffected by frost down to - 10°C.

Notes:

It is important to use only fresh Portland cement.

Always add cement to the liquid for best results.

Over mixing can nullify the acceleration or cause the mix to crumble.

Do not Attempt to rework hardened mixes by adding more liquid. They should be discarded.

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