

KRYSTASEAL PLUG

Crystalline Waterproof Cementitious Water plug



DESCRIPTION

KRYSTASEAL PLUG is a fast-acting, hydraulic cement-based plugging mortar that contains integral crystalline properties to effectively halt active water leaks and prevent moisture infiltration. This versatile solution can be applied both internally and externally, serving as a reliable waterproofing agent that offers rapid setting, early strength development, and excellent waterproofing capabilities. KRYSTASEAL PLUG achieves a solid set in just 40 seconds and boasts impressive compressive strength, enabling it to effectively block water flow, even under conditions of high-hydrostatic pressure.

ADVANTAGES

- ▶ Stops extreme leaks
- ▶ Stops flowing water immediately
- ▶ Sets fast
- ▶ Easy to mix and apply
- ▶ Will set up and harden under water
- ▶ Has exceptional strength
- ▶ Does not contain any chlorides
- ▶ Safe for drinking water applications
- ▶ Zero VOC

APPLICATION

Preparation:

The substrate must be clean, sound and free of any surface contamination, such as oils, coatings, paints, dirt, etc.

Leaking areas must be cut back to sound material, leaving an appropriate rush for receiving KRYSTASEAL PLUG.

Mixing and Application:

The recommended mixing ratio is 4 parts KRYSTASEAL PLUG to 1 part water by volume. The water should be added quickly and mixed thoroughly. The mixing process should take around 20 seconds, with the setting occurring approximately 30-40 seconds later. During colder weather conditions, it is advisable to use warm water, whereas in higher temperatures, cold water is preferred.

It's crucial to mix only the amount of material that can be applied within a minute to avoid wastage. Once the KRYSTASEAL PLUG has been kneaded into a uniform texture, it should be immediately pressed firmly into the cracks. Use maximum pressure during application but minimize back and forth motion or rubbing.

Packaging and Shelf Life

KRYSTASEAL PLUG is available in 10kg bags.

Up to 12months in unopened containers. Keep out of direct sunlight and moisture.

SAFETY

KRYSTASEAL PLUG is formulated without any hazardous substances. However, as with all construction chemical products, it is important to exercise caution. When handling KRYSTASEAL PLUG, it is recommended to wear protective clothing such as gloves and goggles. For maximum safety, wearing a long sleeve overall, safety shoes, and a face mask is also advised. After each use, reseal the containers and store the product according to the safety instructions on the label. In case of contact with the skin or eyes, immediately rinse with fresh water. If any of the product is accidentally swallowed, do not induce vomiting, but seek immediate medical assistance. For more detailed information, please consult the Material Safety Data Sheet (MSDS) provided.

TECHNICAL SPECIFICATIONS

Color and Appearance	Grey Powder
Mixing Time	15 seconds
Working Life(Approx)	20 seconds
Setting/hardening Time (BS5075)	30 seconds
Dry Density	1400 kg/m ³
Compressive Strength(ASTM C 109) @28 Days	50 N/mm ²