



DESCRIPTION

AIMPLUG is a quick-setting, hydraulic cement-based plugging mortar designed specifically for stopping leaks in concrete and masonry surfaces. Its effectiveness is especially notable in situations where there is running water to be controlled. AIMPLUG comes in a ready-to-use form and only requires the addition of water to effectively plug and seal cracks.

USES

- ▶ Basement repairs
- ▶ Concrete pipe and bell repairs
- ▶ Manhole repairs
- ▶ Anchoring bolts and hand rail settings

ADVANTAGES

- ▶ Provides a water-tight seal by effectively plugging and sealing wet cracks in concrete and masonry surfaces.
- ▶ Effectively stops water seepage at the junctions between floors and walls.
- ▶ Stops the flow of running water, thereby minimizing potential damage.
- ▶ Exhibits expansion during the setting process, ensuring a secure and water-tight repair.

APPLICATION

Preparation:

Ensure that the concrete is clean and rough. Remove all oil, dirt, debris, paints and unsound concrete. Prepare surface mechanically by using a scrubber or wire brush. Use vacuum cleaner or pressure washing to ensure thorough cleaning and removal of all residue.

Mixing:

AIMPLUG does not require any special bonding procedures. Ensure the temperature ranges between 15°C - 35°C. Add AIMPLUG in appropriate amount of water for the batch size. Mix manually with hand and make sure that the mix is homogenous without any dry lumps of material.

Placing and cleaning:

Immediately place the plug of AIMPLUG in your hand and hold it until it suddenly begins to get warm. This will take 2-3 mins from the start of mixing.

In case of bolt and Hand Rail Anchoring, use a star drill to make a hole approximately 1-1/2" (38mm) larger than the anchor. Mix enough AIMPLUG to fill the area and pour and tamp it into place around the anchor. Finish AIMPLUG to the desired texture to match the surrounding concrete. Do not add additional water to the surface during the finishing operation. Use AIMCRETE FC or AIMCRETE HD as final waterproofing coating or additional protection against water seepage and to improve the appearance and uniformity of the repair area. AIMPLUG requires no special curing procedures. Clean tools and equipment with water before the material hardens.

Packaging and Shelf Life

AIMPLUG is available in 10kg bags.

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

SAFETY

AIMPLUG is formulated without any hazardous substances. However, as with all construction chemical products, it is important to exercise caution. When handling AIMPLUG, 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
Bulk Density	1.65
W/P Ratio	0.18-0.20
Compressive Strength @28days	32 N/mm ²