



W6

POLYPLUG

RAPID SET CEMENTITIOUS MORTAR FOR PLUGGING OF WATER LEAKS

WATERPROOFING

POLYPLUG is a fast cementitious mortar for rapid patching and plugging of water leaks in concrete structure.

APPLICATION

POLYPLUG is used for patching water leaks in concrete structure such as; tunnel lining, sewage plants, basement, water tanks, foundations and concrete segments.

ADVANTAGES

- Fast setting.
- Easy to use. Single component, only needs addition of water.
- Excellent bond to concrete.
- Low exothermic, minimizing thermal cracks.
- Chloride free.

INSTRUCTION OF USE

Polyfluid SW is totally miscible in water. It is incorporated into the mixing water. The quantity of water is determined as a function of the Plasticity desired.

STORAGE

POLYPLUG shelf life is 12 months if stored in closed container at temperature between 5 °C and 45 °C . If these conditions are exceeded in any respect. POLYWED technical department should be contacted for advice.

PACKAGING

POLYPLUG is available in 1 and 5kg drum, 10 and 20kg bags.

CAUTION

As POLYPLUG contains cement, POLY-PLUG may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

FIRE: POLYPLUG is non flammable.



TECHNICAL PROPERTIES

Setting time	Approx. 60 Seconds @ 25°C
Compressive strength	16N/MM2 @ 24 hours (BS 6319 pt2:1983)

Set time will be extended at lower temperature and reduced at higher temperature.

METHOD OF USE

Surface preparation:

All substrate should be clean and free loose material and contamination. All areas to be patched should be cut back to a minimum depth of 15mm. Leaking cracks should be chased out to a depth of 20mm.

Mixing:

Clean water should be added to a clean container. Add powder slowly and mix using a trowel or gloved hand until a stiff mix is obtained. Mixing ratio should be 1 part water to three parts powder. Due to the rapid set nature of the product, mix only small amounts that can be used within the setting time. In very cold conditions, the use of warm water (room temperature) is advised to accelerator strength development. Do not apply when frost is expected within 12 hours of application. For hot temperature applications, the material should be stored in the shade and cooler water used.

Application:

Apply the product to the leaking areas using trowel or gloved hand and hold until set. Apply at a minimum thickness of 15 mm. cover the leaking area and surrounding areas.

METHOD OF USE

The minimum application thickness of POLY- PLUG is 15mm. When the needed quantity is mixed, it must be used and held in the needed position until the initial set is reached (1mm.at 25 °C)



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