

WATERPROOF MATERIALS



- K7 Waterplug**
- K9 Waterproofing Latex**
- K10 Seal**
- K11 Waterproofing Slurry**
- K12 Flex Waterproofing Slurry**
- K13 High-flex Waterproofing Slurry**
- WPS Waterproofing Mortar**



K7 WATERPLUG

K7 WATERPLUG is a hydraulic cement material that is mixed with clean, potable water to produce an extremely rapid setting plug. It is inserted into prepared areas to stop active water leaks and moisture ingress. K7 WATERPLUG may also be used for repairing cracks in concrete or mortar. It is ideal for sealing around pipes and conduits, and for setting anchor bolts and railings. It is non-corrosive and can produce extremely high strengths.

FEATURES AND BENEFITS

- Simple to use - Just add clean, potable water.
- Stops leaks in approximately 3 minute!
- Fills holes & cracks in floors and walls, etc.
- Excellent freeze-thaw resistance
- Nonmetallic
- High early strength
- Can be used underwater

USES

K7 Waterplug can be used internally or externally as a waterproof plugging mortar or where rapid setting and early strength gain is required.

Waterplug can be used for:

- Plugging/stopping active water leaks
- Sealing of leaking joints, holes, fine cracks, grouting slates, pipe jointing
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Waterplug can be used on the following substrates:

- Concrete
- Masonry
- Earthenware
- Stone

APPLICATION

- K7 Waterplug is usually applied manually.
- Cut out the area to be plugged to minimum depth and width of 1". Clean with high pressure water

blast to remove oil, grease, loose mortar, paints, coatings, etc.

- To mix, add enough clean water to QUICK PLUG to make putty consistency.
- Work putty between hands, into a ball-shaped mass until it begins to stiffen.
- Force WATERPLUG into opening with hand or trowel. Hold for approximately 1 minute or until material has set.
- The operation has to be carried out speedily because K7 Waterplug mortar sets quickly
- Do not apply at temperatures below +5°C or to a frozen substrate.

MIXING

- 1kg of water will require approximately 0.35L water.
- Mix in a clean container using a trowel or mechanical mixer for at least 3 minutes. The mixture should have a lump-free, homogeneous consistency.
- As the product set time is short, only mix sufficient material which can be used in the time available.

CURING

- Keep damp for at least 5 days and provide suitable protection against extreme weather conditions (e.g. sun, wind, frost) while setting.
- The freshly treated surfaces should be protected from rain for a minimum period of 24 hours.



PACKAGING

- WATERPLUG is available in 5kg plastic sack, 6 bags in a carton box.

STORAGE

- Shelf life is 12 months when kept dry and stored at 20°C with the container tightly sealed.
- Production date is displayed on the packaging.

SAFETY MEASURES

- WATERPLUG contains cement. Irritating to eyes and skin. WATERPLUG may cause sensitization by skin contact. **Keep out of reach of children.** Avoid contact with skin and eyes.

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. For further information please refer to Material Safety Data Sheet.

PRECAUTIONS

- The setting time of WATERPLUG will vary according to ambient and surface temperatures. To hasten set time, use heated mixing water.
- The dry powder material may also be heated up to 38°C. Cool water or ice should be used to prevent extremely rapid set.
- Do not add any other cements or aggregates to WATERPLUG. Do not retemper material.

TECHNICAL DATA

PRODUCT INFORMATION				
COMPRESSIVE STRENGTH	15 minutes	1 day.	7 days	28 days
	750 psi	3,700 psi	4,400 psi	5,500 psi
PHYSICAL PROPERTIES				
Set time		120 seconds		
Sulfate Resistance		25 Cycles Min		
Freeze-Thaw Resistance		62 Cycles		
Shrinkage/Expansion		+ 0.02		
Pull Out Strength		12,000 lbs. (4# bar imbedded 6 inches in a cement pocket of 1.5 in. diameter)		

NOTE: The initial controls of our product are made during the production phase. We guarantee the stability of our products' quality. All recommendations and instructions on the technical sheet are generally based on our experience. Please contact us for applications on special surfaces not mentioned in the technical sheet. Our company reserves the right to update the information on the technical sheet in the case of technical necessities without prior notice. This new catalogue supersedes the previous editions.

For further information consult our Technical Department

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