

PC Plug



Cementitious waterproof plugging compound

Product Overview

PC Plug is a cementitious, ready-mixed, quick setting compound to stop water leaks and moisture ingress. PC Plug can be used internally or externally as a waterproof plugging mortar or where rapid setting and early strength gain is required.

Areas of applications

PC Plug can be used to :

1. Arrest the water seepage quickly.
2. Seal leaking cracks
3. Seal wet surfaces
4. Plug leaks in earthenware pipes
5. Seal off tunnel segment joints
6. Fix water structures where immediate use is required
7. Gain early strength while installing steel elements in concrete or masonry (e.g. rail stanchions)
8. Make erosion resistant mortar for elements affected by rain
9. Make erosion resistant shoring of canal sealing
10. Do underwater work (access permitting)

PC Plug can be used on following substrates :

1. Concrete
2. Masonry
3. Earthenware
4. Stone

Properties

1. PC Plug seals leaking joints, form tie holes or cracks

2. PC Plug sets in approximately 20-25 seconds after mixing.
3. PC Plug is much durable.
4. It can be mixed with water or used dry.
5. It contains zero volatile organic compounds and are safe for use both outdoors and in confined indoor spaces.

Guidelines for Usage

1. Surface preparation :

The substrate must be clean, sound and free of surface contaminants such as oils, coatings, paints, dirt, etc. Leaking areas must be cut back to sound material, leaving an appropriate chase for receiving PC Plug.

2. Mixing :

Setting time is dependent largely on the amount of mixing water used. Standard value is (at 20°C): Add 1kg of PC Plug to approx. 0.25 liter of water and mix swiftly for about 30 seconds. After mixing setting in about another 30 seconds. In cold weather, use lukewarm water. In higher temperatures, use cold water.

Dosage and Measures

To avoid wastage, only small quantities of PC Plug should be mixed.

1. After mixing, apply the PC Plug to the appropriate area immediately.
2. Apply the mixture well into the area and then hold firmly in place for about 30 seconds. (Wear rubber gloves).
3. Maintain pressure without disturbing the

material, until it has set. Remove excess material.

4. After lightly prewetting apply a normal PC crystal Coat. In certain circumstances PC Plug may be applied as a dry powder. Place and hold the powder directly over the leak for about 60 seconds. The leakage will be stopped immediately and effectively.

Material Utilization

Depending on the size of the water leak: approx. 0.3 kg/water leak.

Packages Available

20 kg and 10 kg bags

Storage and Shelf life

When stored in a dry place in unopened, undamaged original packaging, shelf life is 12 months.

Safety Measures

PC Plug contains cement, which is alkaline. It will irritate eyes and skin and may cause skin sensitization. It is recommended to wear appropriate eye, skin and breathing protection when using this product. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep out of reach of children.

For further clarifications Please contact on below address

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