



Penetron® Peneplug

Product:

A cementitious, ready-mixed, rapid setting compound to stop water and moisture ingress.

Recommended For:

- Concrete
- Masonry
- Earthenware
- Stone

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

Advantages:

- Stops water flow
- Sets in approx. 30 seconds after mixing
- Durable
- Can be used underwater
- Can be mixed with water or used dry
- Easy application
- Packaged in easy to use, resealable containers

Technical Properties:

Aggregate State:	Powder
Colour:	Grey
Bulk Density:	1.25kg/l
Components:	1 component
Application temperature:	+0 °C to +25 °C (allow for mixing water and substrate temperatures).
Application time:	about 30 seconds (after mixing)
Shelf Life:	12 mths in unopened, undamaged pails
Packing:	4.5 kg and 25kg pails

Surface Preparation:

The substrate must be clean, sound and free of any surface contamination. Leaks must be cut out back to sound material, leaving an appropriate chase for receiving the **Peneplug**.

Mixing:

Setting time is dependent largely on the amount of mixing water used. Standard value is (at 20 °C): 1 kg **Peneplug** and approx. 0.25 litre of water. The **Peneplug** must be added to water and mixed swiftly. Mixing time is about 15 seconds. After mixing setting is in about 30 seconds.

In cold weather, use lukewarm water. In higher temperatures, use cold water. To avoid wastage, only small quantities of **Peneplug** should be mixed.

The **Peneplug** is best mixed by hard beating kneading quickly to a "dry dough", and then ramming in to place.

Application Procedures:

1. After mixing, apply the **Peneplug** to the appropriate area immediately. Work the mixture well into the area and then hold firmly in place for about 30 seconds. (Wear rubber gloves).
2. Maintain pressure without disturbing material, until it has set.
3. Remove excess material.
4. After lightly prewetting apply a normal **Peneplug** waterproofing coating. In certain circumstance **Peneplug** may be applied as dry powder. Place and hold the powder directly over the leak for 30-60 seconds.

Notes:

- Peneplug contains cement.
- 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.
- Keep out of reach of children.
- For further information please refer to Material Safety Data Sheet.

Health & Safety:

Penetron is an alkaline material. As a cementitious powder or mixture, **Penetron** may cause significant skin and eye irritation. Directions for treating these problems are clearly detailed on all **Penetron** pails and packaging. ICS/Penetron International Ltd. also maintains comprehensive and up to date Material Safety Data Sheets on all its products. Each sheet contains health and safety information for the protection of your employees and customers. Contact your local Equus representative to obtain copies of Material Safety Data Sheets prior to product storage or use.

Warranty:

ICS/Penetron International, Ltd. Products will perform according to specifications only if directions are followed. Equus Industries Ltd., and ICS/Penetron International, Ltd. Is not responsible for improper use, application, or storage of its products or for use of its products in unsafe weather or with unsafe engineering or working conditions. ICS/Penetron International, Ltd. Products are supplied subject to standard terms and conditions of sale or rental, which limit Equus Industries Ltd., and ICS/Penetron International, Ltd's responsibility for the product. Any warranty of the product is limited to that provided by ICS/Penetron International, Ltd's unless otherwise specifically provided by ICS/Penetron International, Ltd., in writing.

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