

### PRODUCT DATA SHEET

**DESCRIPTION:**

Peneplug is a rapid setting, integral crystalline cementitious waterstop designed to stop active water leaks and moisture ingress.

**RECOMMENDED FOR:**

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

- ◆ Plugging/stopping active water leaks
- ◆ Sealing of leaking joints, form tie holes or cracks

Peneplug can be used on the following substrates:

- ◆ Concrete
- ◆ Masonry
- ◆ Earthenware
- ◆ Stone

**ADVANTAGES:**

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

**PACKAGING:**

This product can be purchased in 40lb (18 kg) bags or 55lb (25 kg) pails.

**STORAGE:**

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

**DIRECTIONS FOR USE:****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 mix ratio at 68 °F (20 °C) is 2.5 lb (1 kg) Peneplug and approx. 1 cup (0.25 L) of water. The Peneplug must be added to the water and mixed quickly. The mix should have a dry pack consistency. Mixing time is about 15 seconds with setting occurring about 30 seconds later.

In cold weather, use lukewarm water. In higher temperatures, use cold water.

**Application:**

To avoid waste, only small quantities of Peneplug should be mixed.

After mixing, apply the Peneplug to the appropriate area immediately. Material should be formed into a wedge and forced into the leak. Work the mixture well into the area and then hold firmly in place for about 30 seconds. (Wear rubber gloves).

Maintain pressure without disturbing the material, until it has set. Apply as much pressure as possible, tapping in place with a block of wood and hammer if possible. After the leak has stopped, fill void to surface with Penecrete Mortar. Remove excess material.

After lightly pre-wetting apply a normal Penetron waterproofing coating. In certain circumstances Peneplug may be applied as dry powder. Place and hold the powder directly over the leak for 30-60 seconds.

**TECHNICAL DATA:**

Type:	Powder
Color:	Grey
Bulk Density:	about 1.2 kg/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)

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**HEALTH AND SAFETY:**

Peneplug contains cement. Irritating to eyes and skin. 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.

**WARRANTY:**

ICS PENETRON INTERNATIONAL LTD. warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to ICS PENETRON INTERNATIONAL LTD. shall be limited to replacement of the material proven to be defective and shall in no case be liable otherwise or for incidental or consequential damages.

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