

## Cementitious waterproof plugging compound

- stops flowing water
- sets in seconds
- durable

### PRODUCT DESCRIPTION

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

### AREAS OF APPLICATION

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

- Plugging water leaks and seepage
- Sealing leaking cracks
- Sealing wet surfaces
- Plugging leaks in earthenware pipes
- Caulking tunnel segment joints
- Fixings in water structures where immediate use is required
- Installation of steel elements in concrete or masonry (e.g. rail stanchions)
- Erosion resistant mortar for elements affected by rain
- Erosion resistant shoring of canal sealing
- Underwater work (access permitting)

VANDEX PLUG can be used on the following substrates:

- concrete
- masonry
- earthenware
- stone

### PROPERTIES

VANDEX PLUG has the following physical properties:

- 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

### 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 VANDEX PLUG.

### MIXING

Setting time is dependent largely on the amount of mixing water used. Standard value is (at 20 °C):

1 kg VANDEX PLUG and approx. 0.25 liter of water. The VANDEX PLUG must be added to the water and mixed swiftly. Mixing time is about 15 seconds.

After mixing setting in about 30 seconds.

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

### APPLICATION

To avoid wastage, only small quantities of VANDEX PLUG should be mixed.

- After mixing, apply the VANDEX PLUG 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).
- Maintain pressure without disturbing the material, until it has set.
- Remove excess material.
- After lightly prewetting apply a normal VANDEX waterproofing coating.

In certain circumstances VANDEX PLUG may be applied as a dry powder.

Place and hold the powder directly over the leak for 30–40 seconds.

### CONSUMPTION

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

### PACKAGING

15 kg plastic, resealable buckets.

### STORAGE

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

### HEALTH AND SAFETY

VANDEX PLUG contains cement. Irritating to skin. Risk of serious damage to eyes. – Keep out of reach of children. Do not breathe dust. 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 and eye/face protection. – For further information please refer to Material Safety Data Sheet on [www.vandex.com](http://www.vandex.com).

TECHNICAL DATA		
Aggregate state		powder
Colour		grey
Bulk density, 25 °C	[kg/l]	about 1.2
Components		1 component
Application temperatures	[°C]	+5 to +25 °C (allow for mixing water and substrate temperatures)
Application time	[sec]	about 30 (after mixing)
All data is averaged from several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.		

The information contained herein is based on our long-term experience and the best of our knowledge. We can, however, make no guarantee since for a successful outcome, all circumstances in an individual case must be taken into consideration. Indications of quantities required are only averages which in certain cases might be greater.



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