

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 waterleak approx. 0.3 kg/water.

Packaging

15-kg-plastic, resealable buckets.

Storage

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

Technical Data

Type	powder
Colour	grey
Bulk density	about 1.2 kg/l
Components	1 component
Application temperature	+ 5 °C to + 25 °C (allow for mixing water and substrate temperatures)
Application time	about 30 seconds (after mixing)
All data are averages of several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.	

Health and Safety

VANDEX PLUG 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.

The information contained herein is based on our longterm 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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