

INSTRUCTIONS FOR USE (IFU) 7.11.2018/3rd issue

PRODUCT DESCRIPTION

VANDEX PLUG is a grey cementitious, rapid setting compound to stop water and moisture ingress. For application VANDEX PLUG powder is mixed with water.

Packaging

5 and 15 kg plastic, resealable tubs

Storage

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

AREAS OF APPLICATION

Substrates: concrete, masonry, earthenware, stone.

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
- drinking water structures

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. A drill can be used as long as the walls of the drilled hole are able to yield a mechanical bond for the VANDEX PLUG. Min. depth shall be 3 cm.

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 litre 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, no less than 5 °C.

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 Regulation 31 approved Vandex waterproofing coating such as CEMLINE BB-G, CEMLINE BB-W, CEMLINE UM1, CEMLINE CG or equal by other manufacturer.
- If there is no water leak at time of application, VANDEX PLUG can be used to a flush finish with no additional products required.
- If applying underwater, VANDEX PLUG should only be used to achieve a flush finish.
- 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.

Do not apply at ambient temperatures below 5 °C, or to a frozen substrate.

CONSUMPTION

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

CURING

Full curing time is 30 to 60 minutes after application.

HEALTH AND SAFETY

For safe handling procedures and precautions, instructions on safe disposal of spillage and excess product, avoidance of harm to the environment etc. please refer to Safety Data Sheet of VANDEX PLUG.

NOTE

The data on these Instructions for Use (IFU) are valid for the product manufactured by Vandex Isoliermittel GmbH Germany. - Please note that due to local laws and norms, differing data may be valid in other countries.

For further technical and constructive details please contact our technical staff.

For UK market only

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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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