

## Accelerator for Portland Cement

- stops water penetration
- used for concrete and brickwork
- setting time approximately 30 seconds to 5 minutes
- clear liquid, water dilutable

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**Product Description** VANDEX ACCELERATOR is a clear, waterbased accelerator for Portland cement. It is alkaline, chloride-free and is not harmful to steel.

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**Areas of Application** VANDEX ACCELERATOR is used for remedial and waterproofing treatments to concrete and brickwork where a short setting time is required.

Typical fields of application are:

- construction joints
- wall / floor joints
- pipe inlets
- water leakages etc.

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**Properties** VANDEX ACCELERATOR reduces the setting time of Portland cement or Portland cement / sand mixes.

VANDEX ACCELERATOR can be used as supplied or diluted with water up to a maximum dilution of 1:4.

The setting time depends upon the concentration of VANDEX ACCELERATOR. Setting time when using undiluted VANDEX ACCELERATOR is approx. 30 seconds at + 20 °C. Max. dilution (1:4) will provide a setting time of approx. five minutes at + 20 °C.

When used with Portland sand/cement mixes a 3:1 sand/cement mix is recommended.

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**Surface Preparation** Thoroughly clean the substrate to receive treatment. Algae growth, paint, oil, tar etc. must be completely removed. Chisel back cracks, honeycombed areas, formtie holes, etc. to sound concrete. Remove all loose particles. Smooth surfaces must be roughened. The substrate must not be dry at the time of application. If necessary, prewater.

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**Mixing** Where appropriate, prepare the required dilution of VANDEX ACCELERATOR.

If Portland sand/cement mixes are to be used, prepare a dry mixture by adding 1-3 parts clean, dry sand to one part Portland cement and mix well. Use only "fresh" Portland cement.

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**Application** Pour the appropriate concentration of VANDEX ACCELERATOR into a bucket or similar container. Sprinkle the cement or dry mixture into the liquid, stirring continuously, until an uniform mix of the required consistency is obtained.

Mix up only small quantities of material at a time. If the mixture starts to set before it has been applied, do not add more liquid, but discard this mixture and prepare a fresh batch of material.

When repairing or "making good" defective or chased out areas, the mortar is applied using a steel trowel.

Ensure that the mortar is well bonded to the substrate.

When repairing areas with water penetration problems, chase back to sound material and "plug" the leakage, using cement mixed with concentrated VANDEX ACCELERATOR, before "making good" with the repair mortar.

Make good repair areas using a mortar or concrete of similar strength to the surrounding substrate.

**Post treatment.** Refer to the relevant Vandex literature for details of any post-treatment necessary using Vandex waterproofing materials (e.g. for basements, water-retaining structures etc.).

**Note:** Tools should be cleaned with water immediately after use.

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**Packaging** 10 l plastic containers.

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**Storage** In unopened, undamaged original packaging, shelf life is 2 years. Frost resistant down to - 20 °C.

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**Technical Data**

Aggregate state	liquid
Colour	transparent
Density	approx. 1,25 kg/l
pH - value	> 13
Other data	chloride - free
All data are averages of several tests under laboratory conditions	

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**Health and Safety**

VANDEX ACCELERATOR is corrosive.  
Causes burns. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). In case of contact with eyes, rinse immediately all contaminated clothes. After contact with skin, wash immediately with plenty of water.

Shipping class: UN 1819  
ADR/RID 8/42 b

For further information please refer to Material Safety Data Sheet.

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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