

CEMENT WATERPROOFER TO INCREASE WATER REPELLENCE OF CONCRETE AND MORTAR

322

CEMENT
WATERPROOFER

A D D I T I V E

LANKO

DESCRIPTION:

Lanko 322 Cement Waterproofer is a highly effective, chloride free, waterproofing and plasticising admixture for bricklayer's mortar and sand/cement renders.

USES:

- To increase the water repellency of cement-based renders, mortars and concretes.
- Ideal for sand/cement render where a highly workable but low water content mix is desirable.
- Can also be used in concrete block and bricklayer mortars, with marble sheen in lining swimming pools as well as in other suitable concrete mixes.

ADVANTAGES:

- Plasticiser and water repellent in one – no need to combine additives.
- Unlike other waterproofing and plasticising admixtures, Lanko 322 Cement Waterproofer is chloride free. Consequently, Lanko 322 will not cause corrosion to metal reinforcing bars or metal compounds.
- Setting times of the mix will not be affected by the addition of Lanko 322 Cement Waterproofer.
- The advanced formulation of Lanko 322 Cement Waterproofer reacts with lime during hydration and forms a highly repellent substance in the capillaries, blocking water absorption.

TEST DATA:

Properties:

Appearance	Opaque liquid
Density:	0.98
pH:	11.3
Odour:	Ammonia odour
Solubility in Water	Totally Miscible

APPLICATION:

- Add Lanko 322 Concrete Waterproofer to the gauging water prior to mixing. Care must be taken to add Lanko 322 Cement Waterproofer before the desired mix consistency has been achieved, to avoid slump loss in the final mix.

- Always add mortar to the liquid while mixing and not vice-versa.

COVERAGE/DOSE RATE:

The actual dose rate will be affected by temperature and mix design, but the following can be taken as a guide:

Material	Dosage
Per 40kg cement	1 – 2L
200kg traditional render of 4 parts sand, 1 part cement.	1 – 2L

Lanko 322 Cement Waterproofer should be added into the gauging water at appropriate levels for the desired quantity of render, concrete or other mortar.

CLEAN-UP INSTRUCTIONS:

- Use water to clean up tools and equipment before the product sets.

PRECAUTIONS:

- DO NOT use in conjunction with other air entraining and/or water reducing admixtures as excessive amount of air may be entrained in the mix causing strength loss.
- Precaution must be taken to avoid skin or eye contact or swallowing the product.

PACKAGING:

Available in 5 litre and 20 litre plastic containers.

SHELF LIFE / STORAGE:

- Storage: must be stored in a cool, dry elevated place and protected from high humidity.
- Shelf Life: Up to 12 months in unopened containers, if stored as specified above.

ENVIRONMENTAL & SAFETY PRECAUTIONS:

- Lanko 322 Concrete Waterproofer is non-hazardous, according to the

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Australian Dangerous Goods Regulations for Transport by Rail and Road.

- Care should be taken when handling, that applicators wear PVC or similar gloves and safety goggles.
- For a full MSDS on this product, contact the Lanko Technical Advisory Line or visit our website on www.lanko.com.au.

TECHNICAL SERVICE:

For application procedures or surface conditions not specified above, please contact the Lanko Technical Advisory Line on 1800 653 347 or visit our website on www.lanko.com.au.

DISCLAIMER:

The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. All workmanship must be carried out in accordance with Davco's specific instructions.

The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

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