

PLASTICISER ADDITIVE ADD TO BRICKLAYERS MORTAR FOR INCREASED WORKABILITY

311

**BRICKLAYERS
PLASTICISER**

A D D I T I V E

LANKO

DESCRIPTION:

Lanko 311 Bricklayers Plasticiser is a plasticising additive for use in bricklayer's mortar and sand/cement mortars in general. It is designed to greatly improve the handling characteristics of mortars that it is added to. Lanko 311 Bricklayers Plasticiser is ideal to add to mortar mixes when appropriate well-graded sands are not available. Lanko 311 Bricklayers Plasticiser is generically referred to as "liquid ball bearings".

USES/ADVANTAGES:

- To plasticise mortars, renders and other sand/cement mixes.
- Allows for easier workability in mortars, particularly those that contain coarse sand.
- Mortars will flow more readily at lower water contents, and maintain shape and form, even under loads from subsequent layers of bricks.
- Reduces segregation and bleeding in mortar mixes, therefore reducing unsightly surface laitence. This also improves cure of mortars, leading to a stronger and more durable result.
- Eliminates the need for lime to plasticise the mix thus allowing the water/cement ratio to be reduced, producing a higher strength mortar.
- Improves surface adhesion of renders while still wet.

TEST DATA:

Properties:

Appearance	Clear liquid
Density:	1.0
pH:	10
Solubility in Water:	Totally Miscible
SG: (mixed 4:1 Sand:Cement)	1.89

APPLICATION TECHNIQUES:

- As mixing methods and available materials vary, a trial mix is recommended to determine the dose rate for the best results.
- Lanko 311 Bricklayers Plasticiser must be added to the gauging water prior to mixing into the sand/cement mortar. Do not add it directly to the blended mortar.

- Once Lanko 311 Bricklayers Plasticiser has been added to the gauging water, proceed with the preparation of the bricklaying or rendering mortar as per usual.

COVERAGE:

- The following dosage rates are to be taken as a guide only.
- Job site conditions and raw material variability may leads to adjustments to these figures.
- Do not add more than the maximum level of Lanko 311 Bricklayers Plasticiser, as too much air will be entrained leading to a weaker and less durable cured mortar.

Dosage	Bricklaying Fatty Sands	Bricklaying Coarse Sand
Per 40kg cement	25 – 40ml	40 – 60ml
Per 200L Water	300-500ml	500-600ml

CLEAN-UP INSTRUCTIONS:

- Use clean water to clean up excess Lanko 311 Bricklayers Plasticiser and tools.

PRECAUTIONS:

- Precautions should be taken to avoid skin or eye contact or swallowing the product.
- Do not overdose mortar mixes with Lanko 311 Bricklayers Plasticiser as it will weaken the mortar by entraining excessive amounts of air.

PACKAGING:

1L and 5L Jerry Cans, and 20L Plastic Pails with pourer spout lids.

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.

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ENVIRONMENTAL & SAFETY PRECAUTIONS:

- Lanko 311 Bricklayers Plasticiser is non-hazardous, according to the 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 visit 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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