



LANKO 311

BRICKLAYERS PLASTICISER

PLASTICISER ADDITIVE
ADD TO BRICKLAYERS MORTAR FOR INCREASED WORKABILITY

WHERE TO USE

Davco 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. Davco Lanko 311 Bricklayers Plasticiser is ideal to add to mortar mixes when appropriate well-graded sands are not available. Davco Lanko 311 Bricklayers Plasticiser is generically referred to as "liquid ball bearings."

Uses

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 laitance. 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.

PRODUCT INFORMATION

Coverage

The following dosage rates are to be taken as a guide only.

- Job site conditions and raw material variability may lead to adjustments to these figures.
- Do not add more than the maximum level of Davco 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

FEATURES & BENEFITS

- Greatly improve handling characteristics of mortars
- Reduces segregation and bleeding
- High strength
- Ideal for bricklayer's mortar and sand/cement mortars

PACKAGING

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



MADE IN
AUSTRALIA

TECHNICAL

TECHNICAL DATA	LANKO 134
Appearance	Clear liquid
Shelf life when stored unopened in elevated, cool, dry location	12 months

Values presented are typical and not necessarily referenced to create specifications. All measurements are taken at 20°C and 50% relative humidity. Specifications vary according to site conditions and should be taken as a guide only.



Davco products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.

Quality
ISO 9001
SAI GLOBAL

TEST DATA	CRITERION	TYPICAL TEST RESULT
Test method: ASTM C191		
Density		1.0
pH		10
Solubility in water		Totally miscible
SG: (mixed 4:1 sand:cement)		1.89
Test method: ASTM C109 AS/NZS 2350.11-1997		
Compressive strength		

Clean-up & Return to Service

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

PRECAUTIONS

Safety

- SDS is available from www.davcoaustralia.com.au
- It is recommended that applicators wear PVC or similar gloves and safety goggles while handling this product
- Keep out of reach of children. If eye contact occurs, rinse with cool water
- If ingested get immediate medical assistance

General

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

DIRECTIONS FOR USE

- A test should be undertaken in all cases to ensure suitability

APPLICATION TECHNIQUES

1. As mixing methods and available materials vary, a trial mix is recommended to determine the dose rate for the best results.
2. Davco 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.
3. Once Davco Lanko 311 Bricklayers Plasticiser has been added to the gauging water, proceed with the preparation of the bricklaying or rendering mortar as per usual.

If unsure about suitability in certain installations, contact Sika Australia for guidance.

Sika Australia Pty Ltd

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LEGAL NOTES

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