



BUILDING TRUST



PRODUCT DATA SHEET

LANKO 311 PLASTICISER

PLASTICISER FOR RENDERING

DESCRIPTION

LANKO 311 PLASTICISER is a liquid ready to use plasticizer that increases the cohesion and workability of cement; sand masonry mortars and renders.

USES

LANKO 311 PLASTICISER is added to the mixing water prior to its addition to the cement, sand mix to provide high quality mortars for :

- Brickwork and blockwork mortar
- Cement sand renders and plasters

CHARACTERISTICS / ADVANTAGES

- Improved workability
- Easier working with less wastage
- Higher strength
- Better adhesion
- Reduce cracking

PRODUCT INFORMATION

Composition	Surfactant blend
Packaging	5 L/pail, 20 L/pail, 200 L/drum
Appearance / Colour	Brown liquid
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging
Storage conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Density	1.01 Kg/L
pH-Value	approx. 9.0-11.0
Total chloride ion content	< 0.1%
Equivalent sodium oxide	< 1.0%
Recommended dosage	0.05-0.4% by weight of cement (50-400 g. per 100 kg. of cement)

MIXING

Mix LANKO 311 PLASTICISER to the clean mixing water prior to its addition to the dry mixed cement : sand.

IMPORTANT CONSIDERATIONS

- When mixing by hand, increased dosage maybe necessary
- For extremely high strength masonry mortar, continuous checking of the air content is advisable

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets before using any products. For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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