



BUILDING TRUST



PRODUCT DATA SHEET

LANKO 224 RAPID PLUG

INSTANT-SETTING CEMENTITIOUS WATERPROOFING

DESCRIPTION

LANKO 224 RAPID PLUG is a fast-setting mortar for long term protection against water leakage.

USES

- Water tank.
- Swimming pool.
- Underground structure e.g. underground car park, lift shafts, garage pits, manhole.
- Substrates : concrete, mortar.

CHARACTERISTICS / ADVANTAGES

- Easy to use, easy to mix, just add water.
- No special equipment required.
- Very fast setting with rapid strength development.
- Permanent.
- Good adhesion to concrete substrate.
- Remarkable water-stopping power and hydraulic resistance.
- No cracking, practically no shrinkage.
- No corrosion.

PRODUCT INFORMATION

Packaging	1 kg can, 5 kg can and 25 kg pail
Appearance / Colour	Grey powder
Shelf life	6 months from the date of production if stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry condition, protect from direct sunlight.
Density	1.99 kg/L

APPLICATION INFORMATION

Mixing ratio	LANKO 224 RAPID PLUG : water = 1 kg : 0.2 ltr. (by weight)
Final set time	40 - 80 second

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- The substrate must be clean. Remove all chippings, unsound, loose particles.
- Cut concrete or rock in "V" shape around the leaking point.
- For preventive care and bedding & sealing, soak the substrate with clean water prior to application.

MIXING

Mix small quantity of LANKO 224 RAPID PLUG with clean water in order to obtain a putty like consistency at ratio LANKO 224 RAPID PLUG : water = 1 kg : 0.2 ltr. (by weight)

APPLICATION

- Apply the product by hand with gloves and press firmly into the V-shape cut, starting outside and work towards the center of the leak (plug minor leak first).
- Hold the product in place, and then strike off flush with surface.
- If water pressure is very high, It is recommended to use wooden add to plug first, which is then covered and secured with LANKO 224.

IMPORTANT CONSIDERATIONS

- It is recommended to prepare LANKO 224 in small quantities at a time. If mixed in large amounts, hardening may occur before it is completely used.
- Do not mix LANKO 224 with other admixtures, cements or sand.
- LANKO 224 is hygroscopic. Seal unused quantity immediately in original container.
- LANKO 224 is alkaline. Use rubber gloves when working with LANKO 224. If LANKO 224 gets into eyes, clean out immediately with fresh water.

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

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.

Sika (Thailand) Limited

700/37 Moo 5 Amata City Chonburi
Industrial Estate, T. Klong Tamhru
A. Muang, Chonburi 20000, Thailand
Tel : +66 3810 9500
E-mail : sikathai@th.sika.com
Website: tha.sika.com



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