



BUILDING TRUST



PRODUCT DATA SHEET

LANKO 603 POLYURETHANE

POLYURETHANE JOINT SEALANT

DESCRIPTION

LANKO 603 POLYURETHANE is a single component polyurethane sealant.

USES

- Movement and connection joint
- Interior / Exterior

CHARACTERISTICS / ADVANTAGES

- Good Workability
- Non Sag
- Bubble free curing
- Good adhesion to many substrates: concrete, stone, metal, wood and etc.

PRODUCT INFORMATION

Composition	Polyurethane
Packaging	300 ml cartridge, 12 cartridges per box 600 ml sausages, 20 sausages per box
Colour	Grey, White
Shelf life	12 months from the date of production, if stored properly in undamaged and unopened, original sealed packaging.
Storage conditions	Store in dry condition and protected from direct sunshine.
Density	1.45 kg/L

TECHNICAL INFORMATION

Shore A hardness	36 (after 28 days)
Elongation	> 500%
Elastic recovery	> 70%

APPLICATION INFORMATION

Consumption	100 ml per 1 metre at joint size 10 mm x 10 mm (width x depth)
Ambient air temperature	+5°C to +35°C
Curing rate	> 2 mm/ 24 hours (23°C / 50% r.h.)
Skimming time	120 minutes (23°C / 50% r.h.)

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- Damage concrete must be repaired prior to application by using LANKO 731 REP STRUCTURE or a mortar mix with LANKO 751 LATEX.
- Surface must be clean, dry, free of dust, oil grease and any contaminations that could harm bonding.
- Use a metal brush to clean a concrete substrate.
- Use primer if the substrate is very porous.

APPLICATION METHOD / TOOLS

- Backing rod can be used to reduce joint depth.
- Use an adhesive tape to maintain the alignment.
- Cut off cartridge or foil pack seal of LANKO 603 POLYURETHANE
- Insert cartridge or foil pack of LANKO 603 POLYURETHANE in the sealant gun.
- Cut nozzle to the desired bead size.
- Extrude LANKO 603 POLYURETHANE into the joint making sure that it comes into full contact with the sides of the joint and avoids any entrapment.

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.

IMPORTANT CONSIDERATIONS

- Do not contact with black rubber, bitumen, asphalt and solvent paints.

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.

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



PRODUCT DATA SHEET
LANKO 603 POLYURETHANE
October 2020, Version 01.01
020514010000000007

LANKO603POLYURETHANE-en-THLANKO-(10-2020)-1-1.pdf