



WATERPROOFING LEAKMASTER LV-Z

■ EASY APPLICATION

As a moisture-cure one component type water-swelling sealant, general-use caulking guns can be used as with conventional sealants.

■ PHYSICAL PROPERTIES

After hardening, it has better physical properties than those of conventional putty type sealants.

■ WATER-SWELLING

Swelling approx. 2 times in volume as a result of its distilled water absorption and swelling mechanisms, LEAKMASTER LV-Z provides excellent water sealing properties without losing its rubber-like elasticity.

LEAKMASTER LV-Z

ONE COMPONENT TYPE WATER-SWELLING SEALANT

MAIN APPLICATIONS

- Water sealing at vertical joints of cast in-situ concrete
- As an adhesive to the 1st site formed concrete before C) installation, when the surface is rough
- Precast concrete
- Waterproofing work

PACKING CONDITIONS

Item no.	LV-Z
Contents	320 ml/cartridge
Unit	24 cartridges/carton

HOW TO USE



1) Break the moisture-proofing aluminum foil on the top of the cartridge.



2) Cut the nozzle at the appropriate position.



3) Average extrudable length and its nozzle cut position.

Cut Position	Size of extrusion	Length (m)
A	Approx. 5x20 mm	3-5 m
B	Approx. 10x20 mm	1-3 m



4) Set the cartridge to a caulking gun.



5) Apply LEAKMASTER LV-Z continuously without a break to the place to be sealed.

CHARACTERISTICS

ITEM • UNIT	REFERENCE	TEST METHOD
Extrudability • sec	≤20	In house test (at 25°C)
Slump • mm	≤10	In house test (for 1 hour test at 25°C)
Swelling Property • vol.%	85-200	In house test (after 2 days immersions at 25°C)

NOTE: Above values are not specific values. • Color: Gray • Appearance: Putty like

IMPORTANT PRECAUTIONS

1. Please refer to SDS before and during the use of the LEAKMASTER LV-Z.
2. LEAKMASTER LV-Z contains solvent and may be ignited by sparks, heat, or open flame before curing.
3. Ventilate adequately. Inadequate ventilation may cause eye / respiratory irritation, headache, dizziness and nausea.
4. Do not swallow, and avoid eye / skin contact.
5. Keep out of reach of children.
6. Store in a cool, dark and dry place below 90°F (32°C).
7. Do not apply to places in contact with potable water.
8. Do not apply to an external and / or a surface position.
9. Use at a temperature between 41°F (5°C) and 104°F (40°C).
10. When the surface is wet, LEAKMASTER LV-Z is not suitable.
11. After application, take adequate measures to prevent from exposure to rain, ground water, etc., before casting 2nd concrete or installing precast concrete.
12. Keep a minimum of 100 mm concrete coverage on both sides of LEAKMASTER LV-Z position, when it is used for site formed concrete joints.
13. Use within its shelf life of 12 months after the production month and year shown on the cartridge.

Note: How to see the production month and year. Ex. A B C D E (D: month(X: October, Y: November, Z: December), E: the last digit of the year)

WARRANTY

All information contained herein is based on C.I.Kasei Co., Ltd. ("CIK")'s present state of knowledge of LEAKMASTER LV-Z when properly stored, handled and applied under normal conditions in accordance with CIK's instructions. The user of LEAKMASTER LV-Z must test LEAKMASTER LV-Z for suitability for the intended application and purpose before processing with the full application of LEAKMASTER LV-Z. CIK reserves the right to change the properties of LEAKMASTER LV-Z without notice. CIK warrants LEAKMASTER LV-Z to meet the technical properties on the current SDS if used as directed herein and in the current SDS within shelf life. User determines suitability of LEAKMASTER LV-Z for intended use and assumes all risks.

NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CIK SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. CIK SHALL NOT BE RESPONSIBLE FOR THE USE OF LEAKMASTER LV-Z IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

For up to date and accurate information please consult the current Product Data Sheet at usa.sika.com

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