



# 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 Cj 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](http://usa.sika.com)

Contact Sika Team 1-800-325-9504 ■ Website [usa.sika.com](http://usa.sika.com)

### SIKA CORPORATION

3400 Tree Court Industrial Blvd.  
St. Louis, MO 63122  
USA

### Contact

Phone: 800 325 9504  
Fax: 800 551 5145  
[usa.sika.com](http://usa.sika.com)

**BUILDING TRUST**

