One Component Type Water Swelling Sealant

LEAKMASTER LV-Z

(JAPAN QUALITY)

FEATURES

1. EASY APPLICATION

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

2. PHYSICAL PROPERTIES

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

3. WATER SWELLING

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

CHARACTERISTICS

ITEM・UNIT	REFERENCE	TEST METHOD
Extrudability ・sec	≦20	In house test (at 25℃)
Slump・mm	≦10	In house test (for 1 hour at 25℃)
Swelling Property ・vol.%	85～200	In house test (after 2 days immersions at 25℃)

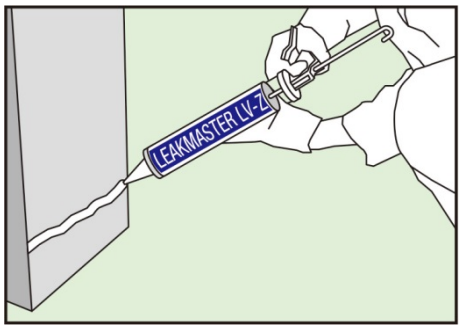
Note: Above values are not specific values.
Color: Gray
Appearance: Putty like

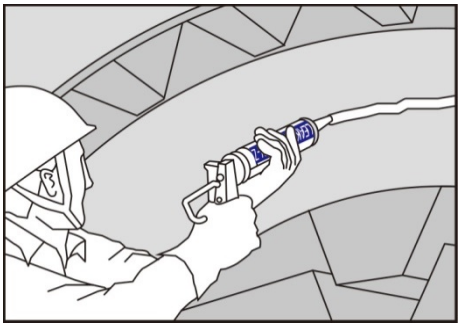
PACKING CONDITION

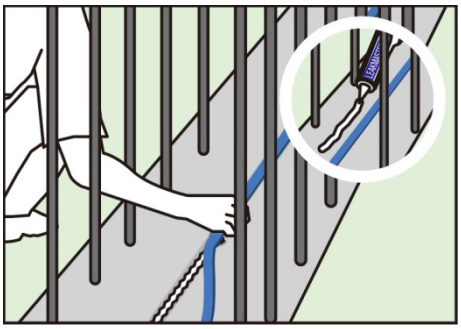
Item No.	LV-Z
Contents	320㎖/cartridge
Unit	24 cartridges/carton

Curing time: 2 days (Summer), 3 days(Winter)

MAIN APPLICATIONS







・Water sealing at vertical joints of cast in-situ concrete.
・Water sealing around H-section steel joints and bars.
・As an adhesive to the 1st site formed concrete before CJ installation, when the surface is rough.
・Precast Concrete ・Waterproofing work ・others

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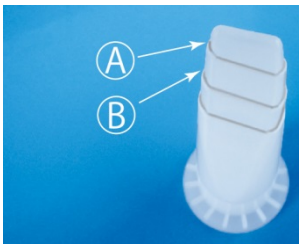
HOW TO USE

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

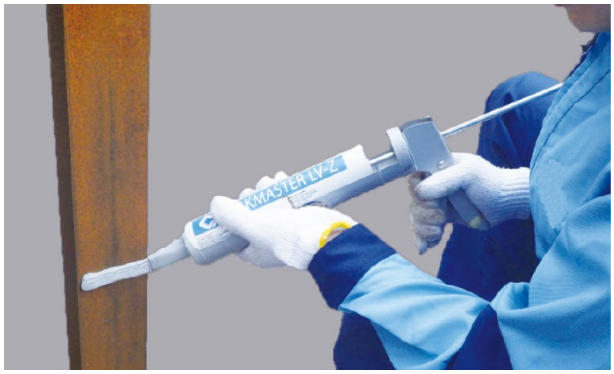
2) Cut the nozzle at the appropriate position



Cut position	Size of extrution	Length(m)
Ⓐ	Approx. 5×20mm	3～5m
Ⓑ	Approx. 10×20mm	1～3m

3) Average extrudable length and its nozzle cut position

4) Set the cartridge to a caulking gun



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

IMPORTANT PRECAUTIONS

1. Please refer SDS before and during the use of 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 cool, dark and dry place below 90'F(32'C)
7. Do not apply to an external and/or surface position
8. Do not apply to places in contact with potable water.
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 measure to prevent from exposure to rain, ground water and etc., before casting 2nd concrete or installing precast concrete.
12. Keep a minimum of 100mm 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 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)

WARRANTTY

All information contained herein is based on C.I.TAKIRON Corporation ("CITK")'s present state of knowledge of LEAKMASTER LV-Z when properly stored, handled and applied under normal conditions in accordance with CITK'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. CITK reserves the right to change the properties of LEAKMASTER LV-Z without notice.
CITK 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.
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