

## **MULTISEAL 84L**

Multiseal 84L liquid seal eliminates water loss in drinking and domestic water installations. Water loss up to 10L per day can be remedied.

Multiseal 84L seals every known material in the plumbing industry, but is especially suitable for corrosion damage, cracks and leaky solder joints in copper pipes, galvanized pipes, stainless pipes and plastic pipes. Multiseal 84L crystallises when exposed to the air. It is pumped into the leaking drinking water string under pressure until it is running out at the leakage getting in contact to the air. Hereby a solid mechanical seal is created at the leakage spot. A seal with Multiseal 84L is permanent and durable. The substances included in Multiseal 84L can also be used in the food industry. Patent-Nr. 4342861

## **INSTRUCTIONS**

The drinking water pipe with the leakage has to be blocked off and emptied. The content of the pipe has to be collected and measured to see how many liters are in the pipe which has to be sealed. All taps and fittings are then closed completely or removed. Aerator, strainers, filters and water meters must be removed (if there is such in the pipe which has to be sealed)

The pipe which has to be sealed has to be blown through with compressed air. The pipe has to be closed during this process allowing the compressed air to be squeezed out through the leak and dry out the area. Shake the bottle with Multiseal 84L thoroughly. Add the necessary amount of Multiseal 84L pure or mixed with water in 1:1 via a filling pump.

The pipe is placed under pressure (5-7 bar). Multiseal 84L is now squeezed out of the leakage so that it can crystallize. Multiseal 84L must remain in the pipe under pressure for at least two days. If the area where leakage is, is very wet, can "hardening" or crystallization may be extended up to 4-5 days. If the pipe is encased totally airtight into concrete or bitumen only a conditional seal may be achieved. After sealing the pipe has to be rinsed thoroughly with pure water several times. If a water heater is connected to the system this must be completely disconnected from the leaking pipe where the seal goes on - while it takes place. After installation of all the dismantled parts the drinking water system is ready for use again. All tools which have been used during the sealing process should be washed thoroughly with clean water.

### **Safety data for Multiseal 84L**

If Multiseal 84L comes in contact with eyes, rinse immediately with plenty of clean water and seek medical advice. Skin contact: Wash skin immediately with plenty of water. When working with Multiseal 84L please wear suitable protective gloves and goggles or face shield. Multiseal 84L is non-toxic (but should not be digested) in the specified mixing ratio.

Multiseal 84L must be immediately washed off with water if it comes to surfaces outside of the pipe system (tile, laundry, etc.) because otherwise crystallization will take place, and the crystallised product is very difficult to remove.

Moreover, observe the usual precautions when handling chemicals. Keep out of reach of children

### **Disposal:**

Multiseal 84L is collected and recycled. This product can when highly diluted be discharged to sewer system.

### **Composition:**

Cellulose fibres, dyes, alkaline salts and other additives - see safety data sheet.

### **Mixing Ratio:**

Used undiluted or mixed with water 1:1. No solubility of other chemicals. Temperature and pressure stable.

### **Shelf Life:**

5 years from date of manufacturing - protected from frost!