

## **MULTISEAL F**

Multiseal F liquid sealant eliminates water losses in heaters, boilers, pipes, radiators and floor heating systems which are filled with antifreeze or other additives. Water loss up to 20L a day can be remedied. Not suitable for district heating because the product must remain in the system.

Multiseal F is especially suitable for solar and geothermal heating systems. Multiseal F is forming a resilient seal in the leak. A seal with Multiseal F is dynamic but permanent and durable.

### **INSTRUCTION:**

Used correctly Multiseal F can not damage neither circulation pumps nor mixing valves.

Strainers, dirt catchers, filters and heat meters have to be disconnected from the system (solar or ground heating system). The boiler must be vented and filled correctly with water before the sealing begins.

The heating system is now set to max. temperature. All heater and mixing valves are opened completely.

The circulation pump purged thoroughly and put into operation. System water equal to twice the amount Multiseal F which is going to be added is taped from the system (see table).

Shake the can with Multiseal F thoroughly. The necessary amount of Multiseal F is now pumped diluted 1:1 with water through boiler fill and drain valve into the system. The heating system is filled to normal operating pressure. The circulation pump vented again thoroughly through control bolt. The plant now has to remain in service for 7 hours under the described conditions. The circulation pump is then vented thoroughly again, and all dismantled parts, but not strainers and dirt catchers refit. The actual sealing takes place during 1 or more days. MULTISEAL F must remain in the system after sealing and a constant minimum circulation of the water system should be maintained.

### **Safetydata for Multiseal F:**

By skin contact, wash off skin with plenty of soap and water. Wear safety goggles when working with MULTISEAL! By eye contact: Rinse immediately with plenty of water. Spills on clothing are removed easily at normal temperature machine wash. NOTE! To avoid falls and silicate sediments any spill of MULTISEAL has to be washed off immediately.

### **DISPOSAL**

When emptying plants which are filled with Multiseal products the mixed system water may be treated as ordinary water and drained into sewer.

### **Composition:**

Fibers, conservation and other additives - See MSDS.

### **Dilution:**

1.0 liters to 100 liters of water plants.

### **Shelf Life:**

2 years from date of manufacture - Protect from frost!