

PRODUCT No. : 1.907

## STOP LIQUID

Economic system for instant and permanent repair of leaks

### DESCRIPTION:

**STOP LIQUID** is a system of instant and permanent repair of leaking composed of a band of glass fibre impregnated with polyurethane resin which gets activated when submerged in water and a small sealant putty of epoxy resin.

### SCOPE:

**STOP LIQUID** due to its excellent properties, is essential for repairing leaks in pipes containing water, waste water, fuel, compressed air, freon gas, etc. Thus, in addition to general industry, this product is recommended in many other sectors such as shipbuilding, car garages (mufflers, exhaust pipes, radiator hoses, etc.), gardening, swimming pools, irrigation, mining, etc.

### BENEFITS:

- Rapid commissioning of the repair.
- Provides a high mechanical performance of the repaired area.
- Can be applied on a wide variety of materials: copper, iron, brass, plastic, PVC, wood, rubber, glass, etc.
- It is resistant to most diluted chemicals.
- Easy to apply: no tools required.
- Odourless product.
- Non-toxic, non-flammable.

### INSTRUCTIONS:

For the purposes of this system carefully follow the following steps:

1. Remove pressure from the pipe to be repaired.
2. Put on disposable gloves.
3. Sand repair area and clean it properly to improve adherence.
4. Knead the sealing resin until you feel the heat slightly and get a uniform grey color that indicates that the mixture has been carried out properly.
5. Cover the drain with newly mixed epoxy putty.
6. Open the foil pouch and remove the bandage.
7. Immerse in water for 15 seconds and then drain it another 15 seconds.
8. It is recommended that gloves are wet at all times to facilitate the placement of the band and keep them from sticking to it.
9. Start winding the bandage and put pressure on it simultaneously.
10. Cover with the band throughout the damaged area, giving a little of margin on either side of the leak for safety.
11. Use all of the band, because, once opened the bag that contains it, you can not keep it for later use.

12. Once the band is installed, knead or press it in the sense in which it was installed until it begins to harden to get the band is tight.
13. Once applied, let dry 20 to 30 minutes depending on temperature.
14. Reset the system pressure.
15. Verify that the leak has been properly repaired.

## TECHNICAL DATA:

### STOP LIQUID BAND:

Flexural strength:	32 N/mm <sup>2</sup> (ASTM D790)
Tensile strength:	19 N/mm <sup>2</sup> (ASTM D6382)
Temperature resistance:	up to 250 °C (continuous) up to 350 °C (intermittent)
Pressure resistance:	Up to 10 kg/cm <sup>2</sup> with 10 mm thickness Up to 30 kg/cm <sup>2</sup> with 25 mm thickness
Hardness:	82 Shore D (ASTM D2240)
Total curing time:	20-30 minutes at 20 °C
Pot Life:	3-5 minutes

### EPOXY SEALING PUTTY:

Compressive strength:	1265 kg/cm <sup>2</sup>
Tensile strength:	421 kg/cm <sup>2</sup> (ASTM D368)
Shear strength:	56 kg/cm <sup>2</sup>
Temperature limit (continuous):	260 °C
Hardness:	87 Shore D
Total curing time:	30 minutes
Pot Life:	3-5 minutes

## TIPS FOR PROPER USE:

- ✓ Use disposable gloves at all times.
- ✓ Avoid contact with skin and eyes.
- ✓ In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

## PACKAGING AND STORAGE:

Cartons containing 6 kits

Each kit contains:

- Epoxy sealing putty
- **STOP LIQUID** band
- A pair of disposable gloves
- Instructions

**STOP LIQUID** band comes in two sizes

- 5 cm x 1.5 metres
- 7.5 cm x 2.7 metres

It's recommended to store **STOP LIQUID** in a cool, dry place.

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