



# SEALPROOF LWP-18

## LIQUID WATERPROOFING WATER PLUG

### Product Description

**SEALPROOF LIQUID WATERPROOFING WATERPLUG (LWP-18)** is a low viscous liquid which is mixed with fresh cement to form quick-setting cement plugs that instantly harden even against water flowing under pressure. The compound contains reactive chemical salts which accelerate the setting and hardening of cement plugs, which will not washed out, or deteriorate under pressure.

### Features

- Easy to apply
- Fast setting time even against water flowing under pressure
- Expands as it sets to ensure a permanent watertight seal

### Application areas

- Used to instantly plug pressure leakage or burst in below grade construction, such as lift wells, tanks, sewers, cisterns, cofferdams, tunnels, mines, etc.,
- Use for anchoring rock bolts in mining and tunneling operations.

### Processing Data

Mix Ratio (by volume)	1 part SEALPROOF LWP-18: 2 parts Portland Cement
Shelf Life	12 months unopened at room

### Technical / Performance Data

Appearance	Turbid Liquid
Specific Gravity	1.26 + 0.02
pH Level	8-9
Setting Time	20-50 seconds (Mixture of cement & SEALPROOF LWP-18)
Hardening Time	1 minute (Mixture of cement & SEALPROOF LWP-18)

### Procedure & Guidelines

#### SURFACE PREPARATION

##### GENERAL

All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalk, and any other contaminants that can reduce adhesion.

Before mixing, V-cut the area around the leak to give a firm, clean hole of no less than 1".

#### MIXING

Add one part by volume of SEALPROOF LWP-18 to two parts by volume of fresh Portland cement and mix quickly. As the mortar begins to stiffen, scoop out by hand, ram into prepared hole, and hold firmly until hard set. Mixed no more than can be placed in 20 seconds.

#### APPLICATION

Plug small leaks first. Holes up to 1 - 1/2" can be sealed with a single plug. Large holes should be reduced by building up the sides and letting the mortar set before ramming in the final plug. After running water has been stopped, the plugged areas should be plastered with a mortar containing SEALPROOF LWP-18 to seal any seepage or dampness.

NOTE: Use only fresh, non-lumpy Portland cement.

### Health & Safety

Please wear rubber or plastic gloves to avoid contact with skin. Please refer to MSDS for other safety information.

Product is for Professional use only.

### Storage / Packaging

SEALPROOF LWP is available in 4L gal and 16 L pail.

This product must be stored dry, protected from sun and rain. No waterproofing works should be performed if weather is unsuitable. These includes heavy rain and moisture

### Product Limitations

Not recommended for use on areas where there is an evident negative hydrostatic pressure where there's water pressure.

### Additional Information - Disclaimer

The information and in particular, recommendations relating to the application and end-use of Sealbond products, are given in good faith based on Sealbond's best knowledge and specialty on construction chemical formulations. Products are properly stored and handled in accordance with Sealbond's endorsements. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. In practice, to different materials used, as well as varying working conditions and environments beyond our control Sealbond Chemical Industries Inc. strictly recommend carrying out intensive trials to test the suitability of the product with regards to the required processes and applications. Therefore, any liability for such recommendations or any oral/verbal advice is expressly excluded unless we have acted wilfully or by gross negligence. Sealbond Chemicals Industries Inc. is not liable for installation or faulty installation. It is always the responsibility of the installer/applicator/purchaser to guarantee and certify the installation of materials.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product awareness, copies of which will be supplied on request and is free of charge.