

### PRODUCT DESCRIPTION

Water Proof Liquid Rubber (WLR™) is a waterproof coating and sealant based on resin and synthetic elastomers, which can be applied to various surfaces such as concrete, wood, steel, and fiberglass. This hydrophobic coating acts as an adhesive, bonding well to the substrate and hardening. Ultimately, water proof liquid rubber forms a flexible rubber membrane with high elasticity and a seamless finish, preventing water infiltration. It is also capable of withstanding stress and vibrations without cracking or peeling off the surface. As a permanent, flexible, and seamless coating, Liquid Rubber produces a high-adhesion chemical waterproofing layer that resists cracking and aging. This material is applied in liquid form using a brush, trowel, or roller.

### PRODUCT FEATURES

- Waterproof, vapor-proof, and non-porous
- Excellent adhesion to most substrates including brick, masonry, concrete blocks, concrete, stone, and timber
- Strong, seamless, and fully bonded to the surface
- Complete continuity on light damp surfaces
- Environmentally friendly, free of VOCs and other toxins
- Resistant to temperature fluctuations
- High elasticity and flexibility
- Resistant to weather conditions and freeze-thaw cycles
- Long-lasting durability and endurance

### PRODUCT USES

- Waterproofing swimming pools
- Insulating underpasses, tunnels, water channels, and concrete curbs
- Retaining walls
- bridge decks
- Sealing roofs, terraces, pitched roofs, and elevator shafts
- Creating a waterproof coating on fiberglass, plastic, stone, wood, and cement
- Insulating the base plates and structural frameworks

### TECHNICAL DATA

Color	Milky or colorful liquid
Initial setting time	2 hours at 25°C
Final setting time	24-48 hours
Thermal shock resistance	-25 - 100°C
Minimum application temperature	10°C
Storage temperature	10-30°C
Consumption amount	250-750 gr/m <sup>2</sup>
Shelf Life	12 months

### HOW TO USE

#### SURFACE PREPARATION

The surface must be thoroughly cleaned of dust, dirt, oil, and any loose material. Any holes and cracks



Water Proof Liquid Rubber- WLR™

should be repaired beforehand to ensure a smooth application. As well as that, the use of a primer can help to smooth the surface and enhance the performance of the coating.

### APPLICATION

For standard curing epoxies, mixing for at least 3 Dilution is done using oil-based thinner or gasoline. The first layer of water proof liquid rubber (WLR™) is applied to the surface using a brush, spray pump, or roller. If necessary, additional layers can be applied after the first layer has dried. For reinforced protection, fiberglass mesh can be embedded between two layers of the Liquid Rubber coating. After 48 hours, the surface is ready for use.

### STORAGE

Store in a cool, dry and well-ventilated place away from direct sunlight. Keep away from food. Store away from incompatible materials.

Keep away from heat and sources of ignition.

Leave the container upright. Keep container closed when not in use - check regularly for spills.

### FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

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