

# LIQUID WATERPROOFER

## A certified Damp Proof Membrane (DPM) and flexible waterproofer for floors

### AREAS OF USE

- Basements, underground garages and workshops
- Areas where rising damp or water ingress is a problem
- Water storage areas and decorative ponds
- Any area where there is no DPM or where a DPM has failed



### FEATURES

- Ideal for floors with damp or rising damp problems
- Flexible to cope with movement and minor cracks
- Resistant to frost and salt attack
- Hardwearing – high abrasion resistance
- Protection up to 3m head of water
- Can also be used vertically

### DESCRIPTION

Watco Liquid Waterproofer is a thoroughly effective solution for damp and wet areas. The thick, roller applied coating can be used in basements, underground garages, workshops or any areas where rising damp or water ingress is a problem.

It can be applied to damp surfaces and will hold back damp or water rising under pressure. Turn damp areas into a dry working environment. The product can also be used to help keep premises dry in flood risk areas. At times of heavy rain the water table rises and water can rise through old concrete floors.

As well as holding back water, Watco Liquid Waterproofer will also contain it, so it can be used in water storage areas and decorative ponds. Create a tough textured anti slip surface using a medium pile roller, or smooth surface by finishing with a short pile or foam roller or brush.

### SPECIFICATION

Composition	Synthetic resins, silica sands and selected cements.
Number of Components	1 x milky white liquid, 1 x grey powder.
Primer Required	No.
Number of Coats	2 coats are recommended for thorough waterproofing.
Usage Interior/ Exterior	Exterior & Interior.
Application Tools	Medium pile roller, short bristle brush foam or short pile roller, spiked roller.
Suitable For	Concrete, brickwork, stone, masonry, plaster.
Pack Size	25kg
Coverage	Approximately 12.5m <sup>2</sup> per 25kg per coat.
Curing Time	At 20°C a floor treated with Liquid Waterproofer can take light traffic after approximately 16 hours and heavy traffic after 3 days. Full chemical curing is achieved over 7 days. It is at this point the coating will resist permanent water pressure.

Pot Life	2 hours at 10°C. 1.5 hours at 20°C. 30 mins at 30°C.
Cleaning Tools	Clean all tools immediately after use with water. Hardened Liquid Waterproofer can only be removed mechanically.
Shelf Life	12 months in unopened containers.
Storage	Between 15°C-25°C for at least 8 hours prior to use. Do not allow to freeze.
Safety.	Material Safety Data Sheets are available. All foods should be removed during application and curing. Protect eyes and skin from direct contact. Freshly mixed Liquid Waterproofer is slightly alkaline and as such the use of PVC or rubber gloves is recommended.

### COLOURS



**PREPARATION & APPLICATION****SURFACE PREPARATION**

Surfaces must be cleaned of all grease, dust, loose material and other contaminants. Steel and iron surfaces must be scale free.

All surfaces must be thoroughly wetted to achieve saturation. A minimum air and surface temperature of 5°C is essential.

**MIXING**

Pour approximately three quarters of the Watco Liquid Waterproofer liquid into the bucket and add the powder. Mix using a slow speed drill and paddle mixer.

Mix for approximately 3 minutes until a lump free, creamy consistency is achieved. Add the remaining liquid and mix thoroughly.

**APPLICATION**

Whilst the surface is damp but free from standing water the first coat can be applied. Use a medium pile, or short bristle brush. The medium pile roller creates a textured, anti slip surface. This can be smoothed out by over-rolling with a foam or short pile roller before the wet coating starts to dry.

The application thickness should be no more than 1.5mm and no less than 0.5mm. The second coat may be applied as soon as the first is cured, normally 12 - 24 hours. For flooring applications a total thickness should be between 1mm - 3mm. For walls 1mm - 2mm.

To withstand 3m head of water the coating thickness should be 2mm on the floor and 1.5mm on the wall.

On flooring application a spiked roller should be used to release air and help even out the surface.



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