

Dampguard Advanced

Microporous damp proofing and anti fungal coating



Watco Dampguard Advanced is a penetrative, water based epoxy resin damp proofing agent designed for use on internal walls and lightly trafficked floors. Generally, it guards against the percolation of moisture through concrete, brick and stone structures from inside or outside. It is hard wearing and highly chemical resistant.

Watco Dampguard Advanced is microporous and therefore allows moisture vapour to pass through it. Do not apply a non porous finish over Watco Dampguard Advanced such as plaster, render, vinyl, tiles, paint (unless microporous) which will prevent it from breathing. Emulsion paint can be applied over the finished coating since it is generally permeable to moisture vapour. The surface should be abraded to provide a key. When applied as a two or three coat system to a sound surface with good mechanical key, Watco Dampguard Advanced will resist considerable hydrostatic pressure (tested to 20m+ head of water).



Colours



Warm White

Areas of use:

- Cellars, basements and tunnels
- Laundries, food storage areas, kitchens and dairies
- Hospitals

Features:

- Use on floors and walls
- May be used in confined areas
- Microporous to allow moisture vapour to escape from substrate
- Resists considerable hydrostatic pressure
- Will not support fungal growth
- Very resistant to harsh cleaning and impact damage
- Virtually odour free
- Non-flammable during application
- Decorates and damp proofs in one

Need help? Speak to the experts

Our dedicated and professional team are here to help you get the best results for your project. They will talk you through the preparation and application stages when using **Dampguard Advanced**.

Call our expert team on: 01483 418 418 (Weekdays 8:00am - 5:30pm. Saturday 9:00am - 12:00pm)



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1 Surface Preparation

Damp Surfaces – To ensure penetration, the surface should be as dry as possible, clean, sound and free of any loose material. On surfaces subject to hydrostatic pressure, it is essential that all previous coatings and surface weaknesses are removed.

Concrete, Brick and Masonry – Concrete should preferably be dry, at least four weeks old and free of any soft surface laitance and contaminants. Thoroughly remove all loose material by wire brushing. Very smooth concrete or concrete with soft laitance should be etched with Watco Etch & Clean, the area thoroughly washed off and allowed to dry. Grease or oil should be removed with Watco Bio-D, the area thoroughly washed off and allowed to dry. Very porous surfaces may be primed with one coat of Watco Universal Sealer Dustproofer.

Surfaces with Algae or Fungal Growth – Remove all growths by wire brushing. Apply a fungicide to the surface allowing the surface to dry out between applications. Wash the surface thoroughly and allow to become as dry as possible. Failure to remove traces of the fungicide may result in poor adhesion of Watco Dampguard Advanced.

Painted Surfaces – Remove all defective paint and create a key by rotary wire brushing or sanding.

2 Mixing

Each pack of Watco Dampguard Advanced consists of a container of resin and a larger container of activator. Stir and empty the complete contents of the resin into the activator and continue stirring with a wide bladed tool very thoroughly until an even colour is obtained.

3 Application

Best results are obtained in warm conditions with good ventilation (minimum 15°C). Do not apply below 10°C. Apply two liberal coats by a medium pile roller (not foam). Avoid over rolling. The second coat should be applied within 24 hours. On high suction backgrounds or very damp surfaces, a three coat system is recommended. In areas where the temperature exceeds 32°C and on high suction backgrounds, it is advisable to dampen the surface first with water.

Do not rework areas of coating or attempt to even out areas which are starting to cure and showing differences in colour. Any colour differences should disappear when the coating is thoroughly cured. In exceptional temperature conditions, advice should be obtained from Watco's Technical Department.

4 Safety

All product labels provide general safety information. Material Safety Data Sheets are available.

5 Ordering

Available direct from Watco UK Limited and through agents worldwide. All Watco products are sold subject to the Company's Standard Conditions of Sale.

The Company and its representatives are often asked to comment on potential uses of Watco products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Watco.

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Specification

Composition	Water miscible epoxy resin.
Number of Components	2
Finish	Tough, matt to low sheen silk finish, depending on substrate texture and number of coats.
Primer Required	No.
Number of Coats	2 or 3 coats may be required, depending on substrate porosity and texture.
Usage Interior/ Exterior	Interior.
Application Tools	Medium pile roller or brush.
Suitable For	Bare masonry, brick, concrete etc.
Pack Size	3L
Coverage	3 litres will cover approximately 20m ² with one coat.
Curing Time	Cures to a tack free finish in approximately 18 hours (at a constant minimum temperature of 15°C). Higher ambient temperatures will reduce the curing time.
Cleaning Tools	Warm soapy water will remove mixed Dampguard Advanced from applicators provided the product has not started to cure.
Shelf Life	24 months in unopened container.
Pot Life	Once mixed Dampguard Advanced has a usable pot life of 1 hour maximum at 20°C. High ambient temperatures will reduce the pot life.
Cleaning	Dampguard Advanced is resistant to the normal range of cleaners. Strong degreasants should be tested first. Do not steam clean or subject to temperatures in excess of 60°C.
Storage	Store at a minimum constant temperature of 15°C and maximum 25°C for 8 hours prior to use. Do not allow to freeze.
Safety	Product labels provide general safety information. Material Safety Data Sheets are available. Food products must be removed from the area during application and cure.
Chemical Resistance	Dampguard Advanced is resistant to short term spillages of the following: (20%) xylene, caustic soda, sugar solutions, detergents, petrol, diesel fuel, methylated spirits, white spirit, ammonia, bleach, antifreeze, mineral oil, (5%) citric acid. Discolouration may occur with some very strong chemicals.