

HYGIENIC WALL COATING

A tough and scrubbable epoxy resin wall coating which can be used in areas with food or potable water



AREAS OF USE

- Hospital kitchens and wards
- Damp basements, laundries, canteens, schools and nurseries
- Food and drinks industry processing areas

FEATURES

- Hygienic, abrasion and scrub resistant
- Two part water based epoxy resin formulation
- Non flammable during application
- Virtually odour free
- Highly resistant to solvents and harsh chemicals
- Anti-mar additives aid the removal of graffiti

DESCRIPTION

Watco Hygienic Wall Coating is a tough, scrubbable coating tested for contact with drinking water. Watco Hygienic Wall Coating's epoxy resin formula offers unparalleled adhesion and protects against fungal degradation and bacterial growth.

SPECIFICATION

Composition	Water dispersed epoxy resin with anti-mar additives.
Number of Components	1 x curing agent, 1 x resin.
Finish	Gloss finish.
Primer Required	One coat of Watco Universal Sealer Dustproofer may be used to prime very porous surfaces.
Number of Coats	2 coats are normally required, but on blockwork or very porous, coarse surfaces 3 - 4 coats may be required. 3 coats may be required if overcoating a strong colour.
Usage Interior/ Exterior	Interior.
Application Tools	Short pile roller. Cut in using a brush.
Suitable For	Glazed tiles, concrete, brick, render, plaster, painted and damp surfaces.
Pack Size	3L
Curing Time	Will cure to a tack free finish in approximately 12 hours (at a constant minimum temperature of 20°C). Higher ambient temperatures will reduce the curing time. Full chemical resistance is achieved after 7 days at a constant 20°C. Cure procedure for contact with drinking water: 1st coat 24 hours at 25°C. 2nd coat 9 days at 25°C. Total 10 days curing at 25°C.
Pot Life	Once mixed has a usable pot life of 1 - 2 hours at 20°C. Higher ambient temperatures will reduce the pot life.

COLOUR

White

Chemical Resistance	Resistant to short term spillages of the following: 20% Caustic soda, Methylated spirits, Saline solution, White spirit, 10% Citric acid, Detergents, Bleach, Sugar solutions, 20% Ammonia.
Shelf Life	24 months in unopened container.
Coverage	20m ² per 3 litre unit maximum per coat. On blockwork or very porous, coarse surfaces coverage may be reduced to 10m ² per 3 litres per coat.
Cleaning Tools	Warm soapy water will remove Watco Hygienic Wall Coating from applicators providing that the product has not started to cure. The pigmented resin component may only be removed by solvents prior to the addition of the curing agent.
Cleaning	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 temperature of 15°C - 25°C for 8 hours prior to use. Do not allow to freeze.
Safety	All product labels provide general safety information. Material Safety Data Sheets are available. Food products must be removed from the area during application and cure.

PREPARATION & APPLICATION**SURFACE PREPARATION**

Plaster, Concrete, Brick and Masonry – Plaster should be dry and thoroughly cured. Any soft, dusty layer on new plaster should be removed. Render and concrete should preferably be dry and at least four weeks old and free of any soft laitance and contaminants. Thoroughly remove all loose material by wire brushing. General dirt etc. should be removed with Watco Bio-D. The surface must be absolutely free of all contamination before the product is applied. Cracks in render and concrete may be filled using Watco Concrex Vertical

Surfaces with Algae or Fungal Growth – Remove all growths by wire brushing. Apply a suitable fungicide solution following the manufacturer's instructions.

Painted Surfaces – Remove all defective paint and sand to create a key.

Damp Surfaces – To ensure penetration, the surface should be as dry as possible, clean, sound and free of any loose material.

MIXING

Each pack consists of a container of resin and a larger container of curing agent, all in a tall outer tin. Stir and empty the complete contents of each tin into the outer tin and continue stirring with a wide bladed tool very thoroughly until an even colour and texture is obtained. Alternatively use a Watco Paint Mixer.

APPLICATION

Best results are obtained in warm conditions (preferably at a minimum 15°C) with good ventilation. Do not apply below 10°C. Apply using a short pile type roller (not foam). A short pile radiator roller can be used for working around obstructions. Only use a brush for 'cutting in' since a more even finish is achieved using a roller.

Avoid applying too thickly to prevent 'curtaining'. Do not re-work 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. The second coat should be applied within 24 hours.

On high suction backgrounds or very damp surfaces three or more coats may be required. The first coat on damp surfaces may appear streaky. This effect will reduce after curing.

In exceptional temperature conditions advice should be obtained from Watco's Technical Department.

SAFETY

Material Safety Data Sheets are available.



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