High Build Epoxy

Our glossiest, toughest epoxy resin coating

Uses
Showrooms, warehouses, production areas and any area where increased durability and high quality finish are important.

- High gloss finish
- Only one coat usually required
- Excellent durability and chemical resistance
- Solvent free formula, virtually odourless during application
- High build formula, up to 200 microns thick in one coat
- 100% solids epoxy resin formula

Our highest performance roller applied two part epoxy resin floor coating. Provides a glossy, hygienic and easier to clean surface and is resistant to very heavy wear and a wide range of chemicals.

Only one coat is usually required, except on very porous surfaces which should be treated first with Watco 4-Hour Epoxy Primer.

While great care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.
Chemical Resistance

Watco High Build Epoxy is resistant to short-term spillages of the following at 25°C:
- Petrol 25% Lactic Acid
- Diesel Fuel 10% Hydrochloric Acid
- Xylene 10% Nitric Acid
- Salt 25% Sulphuric Acid
- White Spirit 20% Phosphoric Acid
- Bleach 10% Citric Acid
- Ammonia 20% Caustic Soda
- Anti Freeze Sugar Solutions
- Mineral Oil 10% Oxalic Acid
- Detergents 5% Acetic Acid
- Methylated Spirits
- Discolouration may occur with some chemicals. This is not necessarily an indication of degradation of the coating. Please consult our technical department for advice on chemicals.

Pot Life

The mixed components should be used immediately. The product has a pot life of one hour maximum at 15°C. Higher ambient temperatures will reduce the pot life. To extend pot life in higher temperatures the mixed components should be decanted into a shallow tray.

Application

Best results are obtained in warm conditions, (minimum 15°C). On horizontal surfaces apply by medium, pile type roller (not foam) in one coat. On vertical surfaces two thin coats are recommended. The second coat should be applied within 24 hours.

Curing Time

The product will cure overnight at 15°C to accept light traffic the next day. Full chemical and wear resistance is achieved over 7 days (at a minimum constant temperature of 15°C). Temperatures of 10°C will slow down or arrest the curing of the product. Water should not be allowed to lie on the surface for at least 7 days. Avoid washing the surface for 7 days after coating.

Cleaning of Applicators

While Watco cleaning solvent Th99 or similar solvent based product will remove Watco High Build Epoxy from rollers, it may be more practical to dispose of them. Cleaning should take place before the product begins to cure.

Wear Resistance

Watco High Build Epoxy cures to a very hard impervious, gloss finish that will resist strong chemicals. In common with all ‘high build’ gloss paint systems scratching the surface will occur under point loads.

Hazards

In common with all smooth coatings, when using on floors Watco High Build Epoxy can become slippery under certain conditions. Watco Safety Grip anti slip floor coating is available for problem areas. Watco Safety Grip has good chemical resistance but our technical department should be consulted on its use in areas of chemical spillage.

General Maintenance

Watco High Build Epoxy is resistant to the normal range of industrial cleaners. Do not steam clean or subject to temperatures in excess of 45°C.

Watco Bio-D

Preparatory concrete etchant for use where: the concrete is very smooth; recently laid (at least four weeks old), where laitance is present. Coverage per 5 litres 20m² maximum.

Applications

- 5” Paint Brush
- 12” Roller & Frame

For large areas of paint this aluminium framed applicator complete with heavy duty simulated sheepskin roller is ideal. Greatly speeds application on smooth concrete to cut labour costs. Replacement rollers available.

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