

DELTA MEMBRANE SYSTEMS LTD

Water Based Epoxy

A twin-pack water based epoxy coating suitable for all applications where concrete or masonry requires protection or waterproofing.

- As a membrane to prevent rising damp in floors and walls
- Basement, cellar conversions
- Concrete and block surfaces
- Waterproofing and decorative surface for all brick, concrete, cement & masonry
- For application to damp surfaces where other paints cannot adhere
- As a sealing coat for asbestos containing materials
- Wall coating in areas of food manufacture and storage
- Tank lining for protection against mild chemicals
- Dairies/Milking Parlours
- Grain Silos
- Bunds & Water Tanks
- Chemical Industry Stores
- Breweries, Abattoirs & Fisheries
- Sewage Treatment Plants
- All other applications where a waterproof coating is required
- Can withstand chemical or spray cleaning
- As an Anti-Lime pre-treatment to new concrete



Assorted colours available



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Technical Data Sheet

Water based epoxy

a two coat application of non toxic epoxy paint

Water Based Epoxy is water based epoxy coating suitable for all applications where concrete or masonry requires waterproofing and protection. It is applied in the same manner as ordinary emulsion paint with the added benefit of application in damp conditions. Once dried **Water Based Epoxy** leaves a tough, non toxic, waterproof, easy to clean surface.

Uses

- As a membrane to prevent rising damp in floors Or anti-lime treatment of new concrete.
- As a general waterproofing and decorative finish for all brick, concrete, cement and masonry surface.
- For application to damp surfaces where other paints Cannot adhere.
- As a sealing coat for asbestos containing materials.
- Wall coating in areas of food manufacture and storage. i.e. Dairies, Grain Silos, Breweries.
- As a tank lining for protection against mild chemicals.

Locations of use

- Basements and areas needing a damp proof membrane Or anti-lime treatment of new concrete.
- Water tanks and sewerage treatment plants.
- Dairies, food factories and breweries.
- Grain silos.
- Chemical industry garages.
- Bunds and water plants.
- Abattoirs and fisheries

Curing

- Tough cure in 4 hours – hard dry in 12 hours – maximum cure 8 days.
- Once cured can withstand pressure washing, steam cleaning and washing with sterilizing liquids.

Water based epoxy will coat over most other finishes but best results are achieved when surfaces are free and clean of other coatings. Any greasy film should be removed prior to application to ensure a sound key. Voids, holes and gaps must be carefully filled.

Mixing of **Water based epoxy** couldn't be easier – Simply remove the ring which holds both tins together – Add Pack B into Pack A (the larger tin) stirring continuously. Stir well to ensure that the hardener (Pack B) is completely dispersed into (Pack A). Then slowly add clean water to the fill line indicated, stirring continuously.

Water based epoxy is now ready to be applied immediately. A two coat system is sufficient but where the surface is very porous a third coat may be required. Where being used as a waterproof membrane a three coat application is recommended to ensure complete coverage. The second coat should be applied as soon as the first coat is touch dry to ensure a good key.

Water based epoxy has a shelf life of approximately 12 months if both tins are kept unopened. Best kept in a cool, dry, frost free environment.

Water based epoxy is a very safe product to use however it is recommended that all skin and eye contact be avoided and that any areas of skin contact be washed immediately with soap and water. It is advisable to wear gloves. DO NOT INGEST. If this occurs seek medical advice immediately. Keep out of reach of children.

Packaging

- Two part product which when mixed gives 5 litres. Clean, easy to use, & recyclable packaging.

Coverage & storage

- Coverage is approx. 7 square metres per 1 litre/per coat. This may be reduced on rougher more porous surfaces.
- Store in cool, dry conditions in original tins. Protect from freezing. A shelf life in excess of 12 months can be expected.

Cleaning equipment

- If using spray equipment, rinse thoroughly with cold water frequently to avoid build up of cured paint. Brushes and rollers should be washed in cold water and mild detergent.

Application

- A two part product– simply mix pack B into Pack A stirring continuously and add water to fill line.
- As easy to use as ordinary emulsion paint, apply using a brush, roller or spray. 2nd coat should be applied as soon as 1st coat is touch dry.

General

- Assorted colours available
- Non Toxic, tough and durable

Warning – Do not apply in temperatures below 10°C