



TECHNICAL DATA SHEET

MULTI-USE WATER BASED EPOXY COATING

A two coat application of non toxic epoxy paint, a system that can be used in damp conditions.

CONSTRUCTION CHEMICAL WATER BASED EPOXY is a water dispersible epoxy coating suitable for all applications where concrete or masonry requires waterproofing and protection. It is applied in the same manner as ordinary paint with the added benefit of application in damp conditions.

Once cured **CONSTRUCTION CHEMICAL WATER BASED EPOXY** leaves a tough, non toxic, waterproof, easy to clean surface.

USES

1. As a membrane to prevent rising damp in floors.
2. As a general waterproofing and decorative finish for all brick, concrete, cement and masonry surfaces.
3. As a sealing coat for asbestos containing materials.
4. Wall coating in areas of food manufacture and storage, i.e. Dairies, Grain Silos, Breweries.
5. As a tank lining for protection against chemicals, i.e. bund walls.
6. Basements and cellars in need of waterproofing where features need to be in view.
7. Newly laid concrete floors where speed is required to lay wood floors or tiles.
8. For application to damp surfaces where other paints or coatings will not adhere.
9. As a hard wearing epoxy finish to industrial and domestic floors, available in many colours including a clear finish.
10. As a barrier between Anhydrite and Gyvlon screeds when cement based adhesives are to be used.



STREETON HALL LINCOLNSHIRE, WATERPROOFING THE CELLAR IN THIS PROPERTY WAS CARRIED OUT USING CONSTRUCTION CHEMICALS TANKING SLURRY, THE OWNERS REQUESTED THAT THE NATURAL STONE IN PART OF THE CELLAR BE EXPOSED AS A FEATURE AS WELL AS BEING SEALED, CONSTRUCTION CHEMICALS WB EPOXY WAS SPECIFIED TO CONFORM TO THE OWNERS REQUEST.

CONSTRUCTION CHEMICAL 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 **CONSTRUCTION CHEMICAL 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.

CONSTRUCTION CHEMICAL 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.

CONSTRUCTION CHEMICAL 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.

CONSTRUCTION CHEMICAL 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.

CONSTRUCTION CHEMICAL WATER BASED EPOXY is ideal for food preparation or storage areas and factory floors where a hard wearing surface is required, a variety of colours are available.



- **CURING**, tough cure in 4 hours- hard dry in 12 hours, maximum cure 8 days.
- Once cured **CONSTRUCTION CHEMICAL WATER BASED EPOXY** can withstand pressure washing, steam cleaning and washing with sterilizing solutions.
- **PACKAGING**, Two part product when mixed gives 5litre or 2.5 litre. Clean and easy to use.
- **COLOURS**, Clear, red, grey, green, and blue..
- **COVERAGE**, Approximately 7 square metres per 1 litre, this may reduce on uneven surfaces.
- **STORAGE**, **Store** in cool, dry conditions in original packaging. Protect from freezing. A shelf life of 12 months can be expected.
- **CLEANING AND 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. This product is Non Toxic, tough and durable.

Warning – Do not apply in temperatures below 10°C

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