



PolyPoxy TC 2K WB

Two Component Water Based Epoxy Floor / Wall Coating

DESCRIPTION

PolyPoxy TC 2K WB is a two component, solventless water based, low odour, polyamine modified epoxy coating. It acts as tough abrasion resistant coating that withstands wear and chemical attack in a variety of applications. PolyPoxy TC 2K WB should be used in many areas where a solvent based product is not permitted. PolyPoxy TC 2K WB comes in a variety of colours with matt finish.

TECHNICAL DATA

Pot Life at 30 °C	60 – 120 minutes	Application Temp	10 - 40 °C
DFT	100 – 130 μ	Coverage gms/sqm	200 in two coats
Curing Time at 30 °C		Recoat Time	
Foot Traffic	24 hrs	Min	8 hrs
Wheel Traffic	7 days	Max	24 hrs

APPLICATIONS

- Damp concrete substrate
- Concrete substrate which is wet for curing, as curing compound
- Food processing plants / dairies
- Ware house floors
- Chemical Plants
- Manufacturing plants
- Reservoirs

ADVANTAGES

- Being water based, it does not release solvent in air
- Helps ensure good adhesion and also prevents air release from the porous substrate, which may cause bubbles in the final epoxy topping later
- Can be applied to concrete immediately after removal of shuttering
- Provides excellent wear under traffic
- Resists mild dew
- Non flammable / non toxic



APPLICATION METHODOLOGY

- Concrete surface must be sound and free from pot holes
- Remove any lime, distempers or acrylic coating on walls prior to applying PolyPoxy TC 2K WB.
- All oil, dirt, debris, paint and unsound concrete must be removed
- Surface should be moistened before application of coating
- Any repair works required should be carried out before coating.
- Stir the Component A (Resin) and Component B (Hardener) separately. If setting is observed in the Component A, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring
- After proper mixing of Comp A and Comp B, mixed material can be applied by brush or roller on the prepared surface.

LIMITATIONS

- Do not apply PolyPoxy TC 2K WB on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75%
- Do not apply PolyPoxy TC 2K WB to asphalt, weak or infirm concrete, unmodified sand / cement / screeds, PVC tiles or sheets or substrates known to move substantially e.g. steel walkways
- In common with all epoxy materials some light shade changes may be experienced over the long term when placed in adverse exposure conditions. Any such change in shade is not regarded as being detrimental to performance.

HEALTH AND SAFETY

- The product should not come in contact with the skin and eyes, or be swallowed
- Ensure adequate ventilation and avoid inhalation of vapours as some people are sensitive to resins, hardeners and solvents
- Wear suitable protective clothing, gloves and eye protection
- In case of contact with skin, rinse with plenty of water, then clean with soap and water. Do not use solvent to clean the contacted area
- In case of contact with eye, rinse immediately with plenty of clean water and seek medical advice
- If swallowed seek medical attention immediately, do not induce vomiting.



PACKAGING

Available in 5 kgs units packed in 10 kgs cartons

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 6 months.