



DID YOU KNOW?

- hints and tips from the Technical Department

Taubmans Aqua Floor Water Based Epoxy

Concrete floors require proper surface preparation prior to painting. Failure to prepare the floor correctly will result in adhesion failure of the coating. When preparing new and unpainted concrete floors for painting acid etching is commonly employed to prepare the surface. Acid etching has the following characteristics:

- It dissolves the surface layer of concrete removing laitance, carbonation and other contaminants.
- An etched surface is produced which is rough to the touch and provides the ideal key for coating.

To acid etch new or unpainted concrete: Add 1 part Hydrochloric Acid to 4 parts Water in a clean plastic watering can. Apply acid mixture to the concrete. When the reaction (bubbling) stops, flush thoroughly with clean water, alternatively, citric acid may be used. If the surface does not have an appearance like 100 grit sandpaper, a second application may be required in certain areas. Allow 3-4 days to dry before painting. The floor may be professionally ground if acid etching is not possible

To prepare previously painted concrete: Remove old flaking paint - use a scraper, wire brush, heat gun and/or sand as necessary. Fill cracks with an appropriate filler and allow to cure. Ensure surface is clean, wash if necessary with a sugar soap solution ensuring all grease and dirt is removed. Thoroughly sand glossy surfaces with 200 grit sandpaper prior to painting. When painting over an unknown coating or when changing products, apply to a small area to first check compatibility and adhesion to previous coating.

Taubmans Aquafloor Water Based Epoxy is an environmentally friendly two pack epoxy coating for garage, warehouse and workshop concrete floors. Taubmans Aquafloor Water Based Epoxy is hard wearing and resistant to petrol, engine oil and hydraulic oil.

Mix only enough as will be needed for one coat. Thin to a maximum of 5% with water only if necessary and apply by brush, roller or airless spray, ensuring that there is adequate ventilation when applying. Do not use the mixed material after 6 hours even if it is still fluid. Allow the coating to dry for 4 hours and apply the second coat.

Allow to dry for 4 - 8 hours before foot traffic and 24 to 48 hours before vehicle traffic. During winter, on cool days or days with the humidity greater than 75% the dry and recoat times are extended. The service time before vehicles make contact with the coating is also extended. It is recommended to leave the coating as long as possible to achieve full cure before driving vehicles over the surface.



For technical advice and assistance telephone
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