



# Slab-Fix

## Preparation, Application and Use guide

### Preparation

Slab Fix is specially formulated to consolidate weak or friable surfaces. Preparation will normally consist of the removal of any existing coating or flooring system by low impact methods such as scraping or light grinding

Expansion joints should either be raked out or protected during the preparation and coating processes.

### Conditions

Prior to the application of Slab Fix, the surface must be clean and dry.

The air and surface temperature must be above the minimum required both during application and the curing process.

The use of naked flame heaters is not advisable as they increase the relative humidity to a point which condensation can form on the cured Slab Fix leading to reduced adhesion of any subsequent application.

### Mixing

Slab Fix is supplied in pre weighed units this ensures the correct ratio of base to activator is achieved, the splitting of packs is not recommended. Only mix as much material that can be applied during the stated working life. Diluents or solvents must not be added to Slab Fix in any circumstance. To ensure correct mixing, a helical paddle attached to a slow speed drill or mixer is recommended.

Pour the Part B component into the Part A container, removing as much Part B component as is practically possible. Once all the Part B component has been transferred to the Part A container, mix at a controlled speed until homogeneous. Moving the paddle gently across and round the mixing vessel will stop dead spots occurring. Excessive speed or movement of the mixing paddle will result in air entrainment which can affect the coating film.

After mixing, to maximise the working life of the product, transfer directly on to the area to be treated, this will help dissipate any heat build up in the bulk material.

### Application

Slab Fix is applied by poring directly onto the area to be treated and spread using a squeegee, trowel or short pile roller. As Slab Fix is designed to penetrate into the substrate some areas may need to be treated more than others depending on the porosity of the slab. Should any area require further application this should be carried out before any applied material has been allowed to fully cure.

### Over Coating Or Subsequent Installations

Coatings or adhesives should be applied to Slab Fix within 5 days of the application. Should over coating not be carried out within 5 days the surface must be lightly abraded to remove any surface gloss and a mechanical key obtained. If required a suitable bonding primer can be applied onto the cured Slab Fix to increase the level of adhesion with subsequent applications.

Once Slab Fix has cured it is compatible with most coatings and adhesive systems.

Over coating can be performed once the Slab Fix film has reached sufficient hardness, typical over coating time at temperatures above 10° Celsius would be 6 hours.

### Storage Conditions

Unless stated on the product technical data sheet all Merlin products have a shelf life of up to 2 years when stored in unopened containers with normal warehouse conditions.

Minimum storage temperature 5° Celsius  
Do not expose to direct heat or sunlight  
Keep away from sources of ignition  
Keep dry  
Do not allow to freeze