

Construction

Chemical

Supplies

Dairyguard WB

Superior Epoxy Coating for Floors and Walls

Application Guidelines

To be read before applying Dairyguard coatings

Applications

Dairyguard WB can be applied to any suitably prepared surface. Areas suitable for treating with **Dairyguard WB** include dairies, milking parlours, food production areas, factory floors and walls, warehouses, pumping stations, plant rooms, car parks and workshops. Walls which have been previously painted with a good quality emulsion can be treated with **Dairyguard WB**, provided that the paint is well bonded and is thoroughly degreased and abraded prior to application.

Surface Preparation

The concrete or plaster should preferably be cured for a minimum of 28 days @ 20°C. The surface should be dry and free from oil, grease and fat. All traces of loose paint, mortar droppings or other contaminants should be removed prior to applying **Dairyguard**. Previously coated surfaces should be cleaned with a light detergent and lightly sanded to give a mechanical key. Any loose paint must be removed.

Mixing

The resin and hardener are provided in two correctly measured components which combine to make a 5 or 10kg unit. These two components should be mixed with a low speed, mechanical stirrer for 2 - 3 minutes, transferred into a roller tray and used immediately. **NB:** This material is a 2 part epoxy resin. Once it is mixed, it starts setting. It must be applied immediately. In warm weather the mixed material can begin to set within 20 minutes. It is important that the resin is stored in a cool place. If it is kept in an area which is affected by warm temperatures, the setting times of the mixed material can be reduced. If the material is left in the tin, an exothermic reaction will occur and heat will be generated which reduces the working time.

Application:

When applying Dairyguard to large areas, a smooth pile roller should be used. Edgings and areas around equipment can be coated with paint brushes. However, it must be remembered that the pot life at 20°C is limited. At colder temperatures the material takes longer to set. So in warm temperatures store the material in a cool place.

Coverage

The coverage rate will depend on the porosity of the concrete. On normal dense power floated concrete, a coverage rate of 6-8 sq mt per kg can be achieved for each coat. Unsealed plastered walls may use slightly more material.

Technical Data

Rec. DFT:	50 - 70 microns per coat.
Pot life:	Approx 20 minutes @ 20°C
Storage temperature:	Between 10 and 20°C
Tack free @ 20deg. C:	8 hours
Mixing ratio:	As supplied
Application temperatures:	10 - 30°C.
Final cure:	7 days, for full chemical resistance.

Health and Safety

Dairyguard WB is manufactured from resins and hardeners which are normally safe to use. However, it is advisable to wear safety glasses and protective clothing when applying **Dairyguard**. If eye contact occurs, flush with water and seek medical help.

Construction Chemical Supplies endeavors to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.

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