

**Construction  
Chemical  
Supplies - Coatings**

**Dairyguard PU Industrial  
Ultra Hard Wearing Coating**

**Description**

Dairyguard PU is a superior quality 2 part, hard wearing polyurethane coating, for walls and floors. Dairyguard PU dries to a UV stable, semi gloss finish, which can be power washed and which can resist cleaning with hot water. (Contact technical department for hot water or steam resistance details)

**Uses**

Dairyguard PU provides clean, coloured floors in warehouses, retail outlets, dairies, car parks, garages, aircraft hangers, food manufacturing plants and external patio areas. It also provides an hygienic wall coating in a wide variety of facilities including food producing areas, washroom areas, pharmaceutical plants, milking parlours, abattoirs, schools and any area which may require washing on a regular basis. Due to its UV and chemical resistance, Dairyguard PU can be used as an anti-graffiti coating in many exterior applications, or as a line marking coating in exterior or interior car parks.

**Advantages**

- \* Good chemical resistance which facilitates the easy removal of graffiti.
- \* Easily cleaned.
- \* Good protection against mould and bacteria infection.
- \* Excellent abrasion and impact resistance.
- \* Does not fade in UV light, suitable for exterior use.
- \* Available in a wide range of BS and RAL colours.
- \* Increased slip resistance can be incorporated for wet areas and external applications, if required

**Technical Information**

Coverage:                Approximately 6-8 sq mt. per lt, depending on surface profile and porosity.  
Pot Life:                Approximately 1 hour when mixed  
Full Cure:               Seven days for full chemical resistance at 20 deg C.  
Dry Film thickness: 75 microns per coat

**Method of use:**

**Preparation**

All surfaces to be coated with Dairyguard PU must be clean, dry and free from grease, oil etc. All loose and flaking surfaces should be wire brushed or otherwise abraded prior to application. New concrete or plaster must be given sufficient time to thoroughly dry out.

**Priming**

Plastered surfaces and previously coated areas should be primed with Dairyguard WB epoxy primer. The primer can be applied by roller or brush after mixing thoroughly, the base and hardener.

**Mixing**

Both Dairyguard PU and Dairyguard WB Primer are 2 pack materials, i.e. they each contain a base and hardener. These must be mixed prior to application. Ideally, they should be mixed using a slow speed drill and paddle. Hand mixing is acceptable but needs to be carefully and thoroughly done.

**Application**

Two coats of Dairyguard PU are generally advised in most situations. However, one priming coat of Dairyguard WB followed by one coat of Dairyguard PU will provide an extremely hard, easy to clean surface. When applying a second coat of PU, it should be applied within 18 hours of the first coat drying. The material should be applied by gloss rollers or by good quality paint brushes, which can be discarded after use.

**Health and Safety**

Dairyguard WB Primer is water based and non flammable. Dairyguard PU contains solvents, so smoking is prohibited while applying this material. It is advisable to wear goggles and gloves when applying Dairyguard. Always use in well ventilated areas and avoid contact with food during application.

For further information contact: **CONSTRUCTION CHEMICAL SUPPLIES**  
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