

Description

Centrecoat 2 Pack Epoxy Floor Coating is a high performance coating with excellent resistance to most chemicals including battery acid, alkalis, grease, oil, etc.

Untreated concrete floors are porous and if left unprotected, will soon become stained and ingrained with dirt, grease, chemicals, etc. The application of sealer's (i.e. floor paint) renders the floor non-porous, protecting it from dirt, grease, oil, chemicals, water, etc. The sealer reduces wear on the floor and prevents the concrete from dusting. The floor surface is therefore stronger, stain resistant and more hygienic.

Colour / Finish

Available in a wide colour range, including most British Standards, RAL and special colours on request. Gloss Finish.

Preparation

Concrete should be clean, dry and free from dust, dirt, grease and other contaminants etc. All surfaces to be coated should be dry - the concrete should have a moisture content below 6%. Power-floated floors should be abraded to provide a key for the coating.

Previously Painted Floors

As with all coating applications, suitable pre-treatment of the floor is of the utmost importance. Old paint especially with suspect adhesion or of an unknown type should be completely removed. Some paints however may still lift, be softened, or cause poor inter-coat adhesion when this system is applied on top of them. Therefore it is always advisable to check for suitability and defects by undertaking small-scale trials. If the old paint is satisfactory, clean and abrade the surface in the normal way.

Mixing

The drying and curing process will slow down at low temperatures and stop altogether whenever it falls below 10°C. Therefore, it is important that this minimum temperature requirement is observed. Each component of the product should be stirred thoroughly. They should then be mixed together until homogeneous and then allowed to stand for 10 minutes before use.

Application

Apply via brush or roller.

- ▶ **First Coat:** Thin the mixed system with 20%-30% of [Centrecoat Epoxy Thinner 005](#) and apply evenly to all areas of the bare concrete.
- ▶ **Second Coat:** Apply this coat unthinned.
- ▶ **Third Coat:** Apply this coat unthinned. This coat will extend the life of the 2 pack system.

Good ventilation is essential throughout. This will assist drying and curing. Heavy vehicle traffic should be avoided for at least 7 days.

Can be overcoated after 16 hours, and up to 10 days. After this period the intercoat adhesion may be impaired.

Technical Data

- ▶ Volume Solids: 45 - 50% varying slightly with colour
- ▶ Flash Point: 22°C - 32°C
- ▶ Mixing Ratio: 3 parts Base to 1 part Activator by volume

- ▶ Wet Film Thickness:
- ▶ Dry Film Thickness: Approx. 50 microns per coat

- ▶ Induction Time: 10 minutes at 20°C
- ▶ Pot Life: 6 - 8 hours at 20°C
- ▶ Touch Dry: 2 - 6 hours at 20°C
- ▶ Dry to Handle: Overnight at 20°C
- ▶ Full Cure: 7 - 10 days at 20°C
- ▶ Full Chemical Resistance: 7 - 10 days at 20°C before being exposed to chemicals, pollutants and mechanical stress.

Drying times will vary with film thickness, air movement, temperature and humidity.

Coverage Rate

Approx 6 - 8 m² per litre.

Note this will depend on the film thickness applied, the surface profile and the porosity of the floor being painted.

Thinning / Clean Up

Clean all equipment immediately after use with [Centrecoat Epoxy Thinner 005](#).

Shelf Life

6 months when stored under cover in original unopened containers, dependant on temperature.

Packaging

Available in 5 Litres