

Description

Centrecoat 525 WB Primer is a two pack, water dispersible epoxy based primer/sealer/clear coating, especially formulated to meet the technological and ecological requirements of modern building and industrial practice.

Centrecoat 525 WB Primer is non-flammable and solvent free, is low odour, and may be applied to dry or damp surfaces. Excellent adhesion to most building materials, is non-toxic once cured, and consequently is a highly versatile material lending itself to application in many different types of location and circumstances.

Centrecoat 525 WB Primer is formulated as a clear sealer for concrete and masonry surfaces. As a primer for other Centrecoat coatings such as Centrecoat Gripfast. As a damp surface primer or sealer for concrete. Suitable for use in food factories, abattoirs, dairies, laboratories, subways, chemical bunds etc.

Features

- ▶ Excellent adhesion to dry or damp surfaces
- ▶ Low odour
- ▶ Easily applied
- ▶ Taint free
- ▶ Very good chemical and abrasion resistance
- ▶ Economical and versatile

Colour

Available in Clear.

Preparation

Surfaces should be sound, clean and free from standing water, laitance, oil, grease, and other contaminants. New concrete should be allowed to cure for a minimum of 21 days. Floors should be mechanically abraded, scarified, grit blasted or acid etched where any subsequent coating is to be applied over the Centrecoat 525 WB Primer.

Note: For steel work a coat of [Centrecoat MMA Steel Primer](#) is recommended as a primer instead of Centrecoat 525 WB Primer.

Mixing

Centrecoat 525 WB Primer is supplied in preweighed containers ready for mixing. Pour the contents of the BASE container into the CURING AGENT container and thoroughly mix, preferably by mechanical means until a uniform consistency is achieved. A low speed drill with paddle attachment is recommended for mixing operations. Note: Thinning of the material is not usually necessary. However, it is permissible to thin by the addition of up to 20% by volume of clear water. This will reduce the viscosity, and facilitate application.

Application

Apply by brush, roller or airless spray at a nominal rate of 5 m² per Kg. As a sealer or clear coating, a second coat should be applied after a minimum of 16 hours, and before a maximum of 48 hours. As a primer, overcoating may be commenced as soon as the initial milky appearance has cleared, typically after 2-4 hours. Ensure good ventilation during application.

Good ventilation is essential to allow satisfactory evaporation of water from the film.

Technical Data

- ▶ Pot Life: 90 minutes at 20°C

- ▶ Adhesion to Dry Concrete: 4.4 MPa (concrete failure)
- ▶ Adhesion to Damp Concrete: 4.1 MPa (concrete failure)
- ▶ Chemical Resistance: Excellent resistance to water, dilute acids, dilute alkalis, petrol, diesel, white spirit, skydrol, etc.

- ▶ Touch Dry: 6 hours at 20°C
- ▶ Hard Dry: 16 hours at 20°C
- ▶ Full Chemical Resistance: 7 days at 20°C

Coverage Rate

A 5kg pack is sufficient to prime 25 m² of surface. (15kg pack pro rata).

Clean Up

Clean equipment with [Centrecoat MMA Tool Cleaner](#) or a blend of [Centrecoat MMA Tool Cleaner](#) and water immediately after use.

Storage

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

Shelf Life

Minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Packaging

Available in 5 and 15 Kg

Limitations

Do not apply to uncured surfaces. Do not apply Centrecoat 525 WB Primer to surfaces previously treated with water repellent chemicals. Do not apply at temperatures below 3°C, or if there is a risk of frost during the initial curing period. Do not use Centrecoat 525 WB Primer that has exceeded the stated pot life. Protect from water splashes during the first 24 hours of cure, as the fresh film is sensitive to water. Relative humidity must be below 85% during the early stages of curing. Do not apply in badly ventilated areas.