

Sealer E115

Solvent Containing, Epoxy Penetrating, Dust Proofing Sealer, Surface Hardener for Concrete and Cement Based Floors

Description	Sealer E115 is a solvent containing two packs epoxy floor sealer. It penetrates the surfaces to bind the particles together and produce a harder wearing surface.
Where to use	As a clear epoxy sealer that impregnates the superficial layer of concrete to provide a dustproof and more easily cleaned surface with resistance to penetration of oils and liquids. Ideal for warehouses, indoor car parks, light industrial buildings, and aircraft hangers, also suitable for outdoor surfaces
Advantages	• Easy to use extended pot life. • Fast film drying and curing • Strengthening the topmost concrete layer thus improving the abrasion resistance. • Totally seals the concrete surfaces and prevent penetration of oils and grease. • Increase chemical resistance of the concrete surfaces. • Easy to clean, dust proof flooring.
Properties	
Color	Transparent
Solids content by volume	28 ±2 %
Specific gravity	0.89 ±0.04
Viscosity	20 sec. (no. 4 flow cup)
Flash point	42 °C
Pot life @ 23 °C	16 hrs.
Dry to recoat	24 hrs.
Fully cured	7 Days
Surface Preparation	• Concrete compressive strength > 25 N/mm² & Bond strength > 1.5 N/mm² (28 days) • Surfaces must be clean and free from dust, laitance and weak concrete. • Surfaces must be free from oil, grease, and mold.
Mixing and Application	• Stir the contents of the resin and hardener before mixing, add the hardener to the resin, and mix until a uniform consistency is obtained. • Mixing to be carried out using a slow-speed mixer with a maximum speed of 300 rpm fitted with an appropriate paddle for 2-3 Min. • The first application should always be carried out by brush to achieve perfect wetting. • The second coat may be applied by roller. • Avoid puddles.
Cleaning	Tools and equipment must be cleaned with solvent immediately after use.
Theoretical Coverage	0.1 – 0.15 Kg/m ² / Layer depending on substrate conditions
Packaging	5 & 20 kg pack (A+B)
Shelf life & storage	Sealer E115 has a shelf life of 12 months if kept in its original packs in a dry condition.

Precaution	• The substrate temperature should be a minimum of 10 °C above the dew point of the air. • Measure the temperature and relative humidity in the vicinity of the substrate. • The temperature of the surface should be a min. 10 °C as the curing process at a lower temperature will be considerably retarded. • The maximum temperature of the surface should be less than +30 °C and the relative humidity is 85%. • Sealer E115 should not be exposed to water chemicals or mechanical stress before it is fully cured.
Health and Safety	This product is of low toxicity but normal precautions should be observed. Wear gloves, and if working overhead or spraying, wear goggles. Wash off any skin splashes with soap and water. Irrigating the eye with an eye bathing solution should treat eye contamination. Ensure adequate ventilation in confined spaces and use breathing aids. If ingested, drink milk or water and seek medical attention.
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structures. PROKEM designs tailor made products should there be a critical application that requires specific properties rather than our main range. For our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current terms of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after sales support to assist users in the proper handling of our products.