



Sealex

Waterproofing Systems, Sealers & Sealants

EP-250

Data sheet

Sealex EP-250

two component water borne epoxy resin based protective and decorative floor and wall coating that is exceptionally hard wearing and chemical resistant. It is applied by roller or airless spray and cures to form a seamless, resilient finish which is easy to clean and maintain.

USES

- Automotive Workshops
- Factories/Warehouses
- Garages
- Aircraft Hangers
- Wineries
- Food Processing Areas
- Showrooms
- Plant rooms
- Car Parks
- Nursing Homes
- Areas subject to foot/vehicle traffic
- Chemical spill areas
- Basecoat for flake flooring
- Floors and Walls
- Vapour Barrier

ADVANTAGES

- High durability to high level of wear and traffic
- Chemical/Oil Resistant to a range of chemicals, solvents, some acids, brake fluid, petrol
- Water Based low odour, user friendly, usable in public areas
- Excellent Adhesion new or old concrete - when correctly prepared
- Moisture Resistant hydrostatic pressure resistant moisture barrier under coverings
- Slip Resistant can be enhanced by addition of anti-slip media
- Concrete Bonding new to old concrete/render
- Colour Range coloured and clear available.

SURFACE PREPARATION

Surface must be sound, dry or slightly damp (not wet), free from all loose material, laitance, old coatings, dust and surface contaminants (eg oil, grease, chemicals, release/curing agents etc.). Smooth, or contaminated surfaces must be mechanically treated by abrasive blasting or grinding to achieve a clean anchor pattern for best adhesion. Oily surfaces must be detergent cleaned and water blasted. In some instances acid etch and water blasting may be adequate to form a 'key' for sufficient adhesion. Test suitability of surface by sprinkling a few drops of water onto concrete. Water should be readily absorbed and not form globules on the surface. Self leveling compounds such as cementitious or epoxy may be used prior to application of SEALEX EP250 depending on the mechanical use of the floor. Ensure compatibility of SEALEX EP250 with leveling compound prior to application. Follow installation procedures of leveling compound when laying.

APPLICATION DATA

SEALEX EP250 may be applied by roller or airless spray. Over-rolling after spraying will achieve a more uniform finish. Power stir Pack A, then blend with Pack B to correct ratio. Stir thoroughly for at least two minutes prior to use.

Only mix the required amount and used within the stated potlife. Apply the mixed SEALEX EP250 to the prepared surface evenly with a 10-13mm nap roller, taking care to apply at specified coverage rate. Primer coat may be thinned 15% with fresh tap water if the surface is particularly porous. SEALEX EP250 may be top coated with Urethane HS for high gloss finish, before SEALEX EP250 is fully cured. (24 to 36 hrs max)

GENERAL

APPLICATION DATA - mixing ratio Pack A and Pack B, 1:1 by volume (pigmented)

APPLICATION TEMPERATURE - between 8°C and 30°C. Not more than 85% humidity. Air movement during curing will assist drying and an even sheen.

CURE TIME

- Pot Life 1.5hrs @ 20°C
- Touch Dry 7hrs @ 20°C
- Light Foot Traffic 24hrs @ 20°C
- Full Cure 7 days @ 20°C

COVERAGE - 2 to 3 coats at 6-8m² /ltr (3 coats recommended)

RECOAT - 12 to 24hrs. Ensure previous coats are cured before top coating

DRY FILM THICKNESS - 61 microns per coat.

GLOSS - Semi-Gloss

CLEANUP - All equipment to be cleaned in water and mild detergent before curing commences.

ANTI-SLIP - Depending on application refer to Chemroc for appropriate specification.

COLOUR - N35 Light Grey, Off White, Other colours available.

PACKAGING - SEALEX EP250 is available in 20L and 8L kits.

STORAGE - Minimum 12 months if stored above 8°C in sealed containers.

HEALTH AND SAFETY - Read Material Safety Data Sheet before use.

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