

K SEALCORE EPC

Two Part Solvent Free Epoxy Based Chemical And Acid Resistance Coating



Description :

KSEALCORE EPC is a colored and decorative Epoxy coating for hygienic concrete floors and walls where acid and chemical resistance is required.

Uses :

- Floor coatings for kitchens and other food processing areas.
- Ware house and storage areas.
- Light industrial factory areas to gives resistance to foot and light vehicular traffic.
- It is used in various applications where acid and chemical resistance properties are required.
- Also used for anti-slip appearance.



Advantages :

- Excellent chemical resistance.
- Strong and hard wearing surface.
- Easy to clean, hygienic, seamless floor.
- Excellent adhesion and maximum protection.
- Water and vapour proof

Application Instructions :

SURFACE PREPARATION : As a top coat on flooring Epoxy Compound Surface should be free from oil, grease and loose particles. KSEALCORE EPC is surface should in two coats by roller, brush or spray. Second coat should be applied 24 hrs. after the first coat.

AS A CONCRETE FLOOR TOPPING : Surface should be free from oil, grease and loose particles. All cracks and loose particles. All cracks and holes should be repaired with Epoxy Mortar.

AS A WALL COAT : After surface preparation, apply two coats of KSEALCORE EPC at an interval of 18 - 24 hrs.

PRIMING : Apply KSEALCORE PRIMER as a primer coat on the smooth surface. The primer coat should be done 5 – 8 hrs. before applying KSEALCORE EPC.

Application :

Using a slow speed mixer, mix well Component BASE & HARDENER in proper proportion for minimum 2 – 3 min. to

obtain a homogeneous lump-free mix. If anti-slip, orange peel finish is required, spread aggregate of 0.5 – 0.8 mm size at the rate of 2 Kg/sq. mtr. Over the first coat of KSEALCORE EPC while it is wet. When the first coat is dried, the excess aggregate can be collected (after 24 hrs.) To produce hard wearing, chemical resistant, non-slip surface, a final coat of KSEALCORE EPC should be applied.

Chemical Resistant Chart :

Table salt solution, NaCl 25%	: Good
Ammonia, concentrate NH ₄ OH 10%	: Good
Caustic soda solution	: Good
Hydrochloric acid 10%	: Good
Sulphuric Acid 10%	: Good
Citric Acid	: Non-Resistant
Gasoline	: Good
Methyl ethyl Ketene	: Non-Resistant
Acetone	: Non-Resistant

Technical Description :

Solid contents	: 100%
Typical thickness	: 0.25 mm to 0.50 mm
Dry film thickness	: 200 microns / coat

Pot Life :

30 – 40 minutes depending on ambient temperature (20°C - 30°C) Temperature above 30°C reduces Pot Life to 15 – 20 minutes.

Curing Time :

Touch Dry	: 4 hrs. (23°C)
Full cure	: 5 days (23°C)
Recoatible	: 16 – 24 hrs.
No. of coats	: 2 coats recommended.

Coverage : Approximate coverage is 2m² / kg. / 250 microns.

Practically coverage depends upon substrate and method of application.

Precaution : Wear protective gloves and eye goggles while handling.

Packing : 1 kg. & 5 kg. tin.

Shelf Life : 12 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

Health & Safety :

KSEALCORE EPC is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.



Note :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.