

K SEALCORE AR

Two Part Solvent Free Epoxy Based Chemical And Acid Resistance Protective Coating



Description :

KSEALCORE AR protective high build epoxy coating specifically developed to protect concrete and steel. Supplied as a two pack system comprising pigmented base and a hardener, it requires only on site mixing to produce an easily applied decorative and chemically resistant finish. Two part solvent free epoxy resin based floor coating consisting of a pigmented base resin and a clear hardener component. The floor coating is available in a range of colours.

Uses :

- Protective coating for old and new concrete.
- Aesthetic finish to patch-repaired concrete to give uniform pleasing appearance.
- It can be used in areas where contact with foodstuffs is envisaged or for coating potable water storage tanks.
- Ware house, storage areas and show rooms.
- Light industrial factory areas to give resistance to foot and light vehicular traffic.
- Also used for anti-slip appearance.
- Early application to concrete surfaces to prevent ingress of aggressive substances in to immature concrete.
- Floor coatings for kitchens and other food processing areas.
- Used as a top coat in conjunction with water based epoxy coating and non-slip grains to form a slip resistant surfacing.



Advantages :

- Easy to apply by brush, roller or spray.
- Excellent resistance to chemical and acid.
- KSEALCORE AR will not support the growth of bacteria.
- The applied coating is resistant to abrasive wear and to the penetration of oil and greases
- It is solvent free and can be used with safety in small rooms or tanks without the need of provide special ventilation.
- High build and "hiding power" may be achieved in two coats giving 400 microns thickness of application.
- Strong and hard wearing surface.
- Easy to clean, hygienic, seamless floor.
- Excellent adhesion and maximum protection.
- A non slip finish obtained when the first coating is broadcast with non-slip grains.



Application Instructions :

SURFACE PREPARATION : All contact surfaces must be sound, clean, and dry and provide a good mechanical key. Remove all loose material, paint, plaster and oily deposits. For best results, light grit blasting is recommended.

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

MIXING : KSEALCORE AR is supplied ready to use in pre weighed packs of resin and hardener for easy on site mixing. Pour the HARDENER into the BASE can, and mix well, using a paddle attached to an electric drill, for 2-3 minutes until a uniform colour is obtained.

APPLICATION : KSEALCORE AR may be applied by brush or airless spray to give a continuous coating on the prepared surface. A second coat may be subsequently applied when first coat is dried. Preferably next day.

Typical Properties :

COLOUR	: Red, Blue, Green, Ivory, Yellow & Grey (special shade on request)
POT LIFE	: 45 min. at 30 °C.
TEMPERATURE RANGE DURING APPLICATION	: 5 0C TO 45 °C.
Typical curing times at 20°C	
Overcoat	: 12 to 24 Hours
Foot traffic	: 36 to 48 Hours
Full cure	: 7 Days

Coverage :

Approximate coverage is 9 to 10m² / 5 kg. / 400 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 AR 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.