



SAAK CLEAR CRYSTAL EPOXY 500

Clear Transparent glossy Epoxy

DESCRIPTION :

SAAK clear crystal epoxy 500 is two component ,Solvent free epoxy resin & hardener m for transparent coatings. It is a heavy duty concrete coating system that easily roll applied , Saak epoxy clear coat 500 has excellent mechanical properties ,making it long lasting the hardest wearing of epoxies , with excellent resistance to chemicals and solvents, SAAK Epoxy Clear Coat 500 is suitable for a variety of application.

ADVANTAGE :

- Excellent chemical resistance.
- Strong yet resilient.
- Easy application, Built in flexibility
- High bonding , Economic installation.
- Meets USDA standards

USES:

- Interior application & living rooms and showrooms
- High load Industrials coatings
- mortar & slurry flooring system and maintenance coatings
- Commercials and residential
- Decorative color chip & quartz flooring systems

TECHNICAL DATA :

Appearance	Clear Transparent & glossy
Density at 25°C	1.08 – 1.12 g/cm ³
Viscosity at 25°C	Comp A & B 800- 900 mPas
Pot life approx	35 – 45 min
Recoat ability	24 hrs at 25°C Processing time
Tack free time	4hrs at 25°C
Mix Ratio	By Volume 2:1

INSTRUCTIONS FOR USE

SURFACE PREPARATION :

The surface of the concrete to be prepared shall be sound, clean and uncontaminated. This preparation shall be such as to leave a sound exposed concrete surface free from dust, loose particles and any deleterious matter. If the concrete surface is defective or has laitance, it must be cut back to a sound base. Excess laitance deposits are best removed by light mechanical scrubbing, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris.

MIXING :

Component A and component B are basically delivered in the relevant correct mixing ratios. A scale must be used to determine partial quantities. Thoroughly mix component A via a slow-rotating electric agitator (approx. 300 rpm), then add component B and continue mixing until a homogeneous, lump-free consistency is reached (approx. 2-3 minutes). To prevent mixing and/or proportioning mistakes, the mixed material must be decanted into a clean, dry container (re-potted) and stirred thoroughly again. Processing: Depending on the application, pour the material onto the pretreated substrate section by section and distribute across the entire surface with a suitable tool. - apply as coating unfilled and aerate in fresh conditions with suitable tool - apply as topcoat via rubber broom and roll.

APPLICATION :

The substrate recommended to be treated with SAAK PRIMER 104, a synthetic resin, high penetrating primer. SAAK Primer 104 should be applied by brush or roller on to the cleaned surface area , The primer should be left to achieve a tack-free condition before applying the top coat.





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CLEANING :

All tools should be cleaned using by Thinner

SHELF LIFE:

Shelf life is 1 year from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight.

COVERAGE :

Approximately 3.5 - 4 m²/kg per coat, depending on surface porosity and application method. SAAK 12 kg set: covers approx. 42 - 48 m² per coat. SAAK 3 kg set: covers approx. 10.5 - 12 m² per coat. SAAK 1.6 kg set: covers approx. 5.6 - 6.4 m² per coat. Actual coverage may vary depending on surface condition and application technique.

FINISHING :

Produces a smooth, high-gloss, transparent finish with excellent durability and chemical resistance, ideal for protecting and enhancing concrete surfaces.

PACKAGING :

SAAK 18 kg (resin 12 kg) (hardener 6 kg)
SAAK 3 kg (resin 2 kg) (hardener 1 kg)

SAFETY PRECAUTIONS :

Keep container tightly closed and out of reach of children, food, and drink.
Ensure good ventilation during application and drying. In case of eye contact, rinse immediately with plenty of water and seek medical advice. Remove skin splashes with soap and water. Store paint in a cool place.
Dispose of waste according to local environmental regulations.

HEALTH AND SAFETY :

Ensure adequate ventilation during application and drying. Avoid contact with skin and eyes. In case of contact, wash immediately with plenty of water. Wear suitable protective clothing, gloves, and eye/face protection. Do not inhale vapors or spray mist. Use appropriate respiratory protection if ventilation is insufficient.

SAAK also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites. For further information on these products and systems kindly check our website or contact your local SAAK representative.

