



QUICSEAL 396

Product Name
Epokote WB

Description

QUICSEAL 396 is 2 component water-based epoxy coating. When applied, QUICSEAL 396 forms a hard and tough film with excellent adhesion and resistance to water and chemicals. A slip resistant texture can be obtained by the addition of graded silica sand.

Uses

QUICSEAL 396 provides a hardwearing, chemical and abrasion resistant floor finish. It is ideally suited as a finishing coat for use on concrete as an anti-dust coating or other areas where high degree of resistance to chemicals, oils and grease is required such as:

- Pharmaceutical plants
- Tunnel coating
- Hospitals
- Water Tank
- Carparks and workshops

Application

Surface Preparation

The substrate must be clean and dry, free from loose particles and laitance that may affect adhesion of the applied topping. Unsound surface must be removed mechanically by shot-blasting or scabbling. Concrete surfaces shall be textured to provide good bonding.

Do not apply the coating unless concrete has cured for at least 28 days or fully cured. The moisture content of the concrete surface must be below 5%.

New Concrete floors

Floors should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by the use of mechanical methods. Dust and other debris should then be removed by vacuum cleaning.

Old Concrete floors

A sound and clean substrate is essential to achieve maximum adhesion, Oil and grease penetration should be removed by the use of proprietary chemical degreaser or by hot compressed air treatment. Any damaged areas or surface irregularities should be repaired by QUICSEAL range of repair products.

Note: Do not apply when the temperature is less than 10°C and relative humidity is above 85%. The surface temperature should be at least 3°C above dew point to prevent condensation.

Mixing

Stir the base and hardener components thoroughly before mixing them together. Pour the entire contents of the hardener into the base container and mix thoroughly for approximately 3 minutes using a slow speed drill fitted with a paddle. Mix these components in the quantities supplied, taking care to ensure that the sides of the container are scrapped clean. Do not add or dilute mix with solvent thinners.

Application

The mixed QUICSEAL 396 should be applied to the prepared surface using airless spray, brush or short nap roller. If the substrate is very porous, it is highly recommended to apply a priming coat by diluting QUICSEAL 396 with 5-10% clean water. Ensure that the area is completely coated and avoid ponding or over application.

The second coat may be applied after the first coat has dried. This will depend on the type of surface and the ambient conditions.

Properties

Pot Life	45 minutes @ 25±2°C
Minimum recoating time interval	> 4 hours
Fully cured @ 25±2°C Over coating should be done within 48 but preferably as soon as after 4 hours after 1 st coat application. If the re-coat interval has exceeded, then it is desirable to roughen by sanding with sand paper to ensure proper intercoat adhesion	
Thinning	Water Thinning ratio 5-10% (by volume as a priming coat)
Mixing	Base (Pt A) 4kg : Curing Agent (Pt B) 16kg
Specific Gravity	1.4-1.5 (Kg/L)
Flash Point	Non-flammable
Adhesion to concrete	> 2.0MPa
Taber Abrasion	< 0.1g after 1000 cycles
Ready for foot traffic	12 hours
Ready for vehicular traffic	7 days
Colours available	Green, Grey & Off-white

Packing & Coverage

Pack size	: 20kg/set
Coverage	: 0.2kg per m ² per 1 coat
Dry Film Thickness	: 75µm per coat
Coverage for priming coat	: 0.15kg per m ² per 1 coat (with 5 – 10% dilution)

Cleaning

Tools should be washed thoroughly with water before the product sets. After setting, cleaning can be done with solvents or mechanical means.

Health & Safety

Gloves and goggles should be worn. Avoid contact with the eyes and skin. In case of contact with eyes, immediately flush the eyes with water and consult a doctor.

Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Areas of use should be well ventilated.

Do not breathe in the vapours.

Keep out of the reach of children

Refer to SDS for further information.

Important Notes

The information set forth herein is furnished free of charge in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, please contact QUICSEAL

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