

ContecTop 1206

Two-component solvent epoxy coating for concrete surfaces (Walls & Floors)

Description

ContecTop 1206 is a pigmented, solvent-free, high build epoxy floor coating system designed to offer seamless durable floor protection at applied thicknesses between 0.2-0.4mm.

Uses

ContecTop 1206 exhibits excellent wear, abrasion and chemical resistance and is suitable for use in a wide variety of industrial and commercial applications. It can be used to provide a surface coating with a high gloss hygienic finish or a slip resistant coating system. ContecTop 1206 provides impermeable protection against common oils, greases, lubricants, aviation fuels and hydraulic oils such as Skydrol. As in all corrosive situations, a full analysis of operating and exposure conditions is required, followed by reference to chemical resistance data to ensure product suitability.

Areas of Application:

- Chemical manufacturing plants.
- Car parks and garages.
- Light industrial plants.
- Kitchens.

Advantages

- Chemically resistant - good resistance to a wide range of chemicals.

- Hygienic - provides a dense, impervious, seamless floor surface which is easily cleaned.
- Attractive - available in a wide range of colours to enhance the working environment.
- Easy application by brush, roller, or squeegee.

Properties

Pot life @ 25°C:	Approx. 35 min
Initial cure:	24 hrs.
Max. overcoating time:	36 hrs.
Final cure:	7 days
Full chemical resistance:	7 days
Mixed density:	Approx. 1.6 kg/L
Max service temperature:	60°C
Flexural strength ASTM C580:	40 N/mm ²
Tensile strength ASTM C307:	20 N/mm ²
Bond strength BS 1881 Part 207	>1.5 N/mm ²

Instructions for Use

- Remove all surface laitance, oil, grease, or any defective concrete that will reduce the bond of the ContecTop 1206.
- The preferred method for surface preparation of concrete is captive blasting, which gives a well-prepared laitance-free, vacuum cleaned surface. Other suitable

methods are surface scarifying using mechanical scarifiers, such as Errut or Von Arx, high pressure water jetting or sand/grit blasting. Any damaged areas or surface irregularities should be repaired.

Mixing And Applying

ContecTop 1206 does not require a priming coat.

Add the entire contents of the ContecTop 1206 into a suitable mixing vessel and mix the components for 2 minutes using a slow speed drill (300-400 rpm) fitted with a spiral mixing paddle until all striations have disappeared and a uniform color is obtained.

ContecTop 1206 is a versatile product and can be applied in various application thicknesses from 200 microns to 250 microns per coat giving thickness of 0.4-0.5mm when applied as a two coat system.

To achieve a smooth finish at an application rate of 200 microns per coat use a medium pile roller or suitable paint brush.

The second coat must be applied within the maximum over coating time period i.e. 36 hours at 25°C or 24 hours at 40°C.

Prior to application, ContecTop 1206 should be stored undercover and protected from extremes of temperature in an air-conditioned environment immediately prior to application.

Cleaning

Clean all tools and application equipment with a suitable thinner (Xylene / MEK / Acetone).

Estimating

Supply

Industrial kit : 6.1 kg (two components)

Component A : 4.9 kg pail

Component B : 1.2 kg pail

Coverage: **ContecTop 1206** standard pack of 6.1 kg will yield 3.81 L.

Shelf Life/ Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. The shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Safety Precautions

ContecTop 1206 should not come in contact with skin or eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Some people are sensitive to resins, hardeners, and solvents. Wear suitable protective clothing, gloves, and eye protection.

If working in confined areas, suitable respiratory equipment must be used. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately.

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