

ContecPaint 181

A-non-toxic, high build, protective, epoxy coating

Description

ContecPaint 181 is a protective high build epoxy resin coating specifically developed to protect concrete. Supplied as a two-component system comprising pigmented base and a hardener, it requires only on-site mixing to produce an easily applied decorative and chemically resistant finish.

It is solvent free and can be used with safety in small rooms or tanks without the need to provide special ventilation. ContecPaint 181 coatings will not support the growth of bacteria.

Uses

As an impervious, resilient, and chemically resistant floor or wall coating in food manufacturing plants, breweries, canning and bottling factories. As a gas and vapour barrier. As a protective and decorative coating in laboratories, abattoirs, etc. Other usage areas include oil refineries, paper mills, power stations, garages, hospitals, sugar refineries, hangars, and most liquid containment areas.

Advantages

- Durable
- Non-toxic
- Waterproof and protective.
- High chemical resistance
- High temperature water resistance
- Solvent free
- Easily applied by brush, roller, or airless spraying equipment
- High gloss, heavy bodied, ultra dense surface. Hygienic and easily cleaned. Standard colours are light grey and dusty grey.

Properties

Working life at 25°C	40 min
Mixed density @ 25°C	1.5 g/cm ³
Initial cure @ 25°C	24 hrs.
Final cure @ 25°C	7 days
Bond to concrete ASTM D4541	>1.5N/mm ²

Instructions for Use

- The substrate should be a smooth or semi-smooth sound surface such as concrete or metal.
- Ensure concrete is free from excessive laitance, grease, oil, curing compound, etc.
- Cracks or potholes must be Repaired before applying ContecPaint 181
- Ensure concrete is at least 28 days old.

Mixing And Applying

Add reactor contents to the base component and mix thoroughly for using a slow speed drill fitted with a suitable mixing paddle until a uniform streak free color is achieved.

ContecPaint 181 coating can be applied using good quality rollers or short haired brushes or by airless spray. It is recommended that ContecPaint 181 coating be applied in two coats of contrasting colours to ensure complete coverage. Prior to the application of each coat the surface should be examined for signs of pin-holing, etc. Where pin-

holing is evident these should be filled using epoxy resin filler.

If the application is delayed more than 16 hours at 40°C or 36 hours at 20°C after the previous coat (the higher the ambient temperature, the shorter the maximum period), then the previous coat must be thoroughly abraded to give an adequate mechanical key and solvent wiped.

For application by airless spray, use a 45:1 or higher ratio pump, minimum 9mm die hoses and HD tip 19-23 thou.

Cleaning

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

Estimating

Supply

Industrial kit : 5 kg (two components)

Component A : 4.36 kg pail

Component B : 0.64 kg pail

Coverage: 0.3-0.6kg/m²/coat, two coats are recommended.

Total dry film thickness Min 400 microns

Shelf Life/ Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

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

Safety Precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek

immediate medical attention. Keep away from children and animals. Reseal containers after use.

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