

ContecTop 1211

Multi component solvent free epoxy floor coating system

Description

ContecTop 1211 is a multi-component solvent free epoxy floor coating system designed to offer continuous seamless floor protection at thicknesses between 1.0-2.0 mm.

ContecTop 1211 When laid, it provides a smooth, light-reflective surface. It is available in a range of standard colours.

Uses

ContecTop 1211 is designed for use in a wide range of industrial environments where a lasting solution to floor maintenance problems is required. It provides a dense, impervious, colored and chemically resistant floor surface which is hygienic and easy to clean.

It provides impermeable protection against common oils, greases, lubricants, aviation fuels or oils such as Skydrol. In addition, it offers good general chemical resistance, but 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.

ContecTop 1211 may be applied in the following industries:

- Utility rooms and corridors
- Vehicle movement areas
- Light engineering workshops
- Kitchens
- Laboratories
- Plant rooms

Advantages

- Easily applied - minimises downtime.
- Smooth high gloss finish for hygienic applications
- Hygienic - provides a dense, impervious, seamless floor surface which is easily cleaned.

Properties

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|---|------------------------|
| Pot life | 40 min |
| Curing time | 15 hrs. |
| Mixed density @ 25°C | 1.556 kg/l |
| Maximum service temp. | 60°C |
| Compressive strength ASTM C579 | >85 N/mm ² |
| Flexural strength BS 6319 Part 3 /ASTM C580 | >45 N/mm ² |
| Tensile strength BS 6319 Part 7 /ASTM C307 | >16 N/mm ² |
| Slip resistance / Pendulum Friction Test Standard BS 7976-2: 2002 | >80 |
| Pull off strength ASTM D4541 | >3.0 N/mm ² |

Instructions for Use

- Remove all surface laitance, oil, grease, or any defective concrete that will reduce the bond of the ContecTop 1211 to the substrate.
- The concrete surface must be leveled, all concrete blocks removed, and all defects repaired, if any. This can be achieved by blasting light granules, blasting, or grinding the surface. After completing the preparation, be sure to remove dust from the surface, preferably by vacuuming.

- Prior to application **ContecTop 1211** should be stored under cover in an air-conditioned environment and protected from extremes of temperature which may cause inconsistent workability, finish, and cure times for the mixed material.

Mixing And Applying

All porous concrete surfaces to be overlaid with **ContecTop 1211** must be sealed with a coat of **ContecTop 1201** with the addition of 0.5 L of a suitable thinner (Xylene / MEK / Acetone).

Part mixing of **ContecTop 1211** is not acceptable and will affect both performance and appearance of the finished floor.

Pour the contents of the color pack into the base and then mix the components together using a slow speed (300 – 600 rpm) hand held mixer fitted with a suitable mixing paddle. Mix for no less than 1 minute, before pouring this into a clean large size mixing bucket (>20 L) and then adding the **ContecTop 1211** filler, whilst continuing to mix until a uniform color is obtained, free of streaks or lumps of unmixed filler (minimum 2 minutes). Remix the pre-mixed base + color pack + filler for 30 seconds and then add the reactor and continue to mix until a streak free even color is reached and there are no visible lumps of filler.

ContecTop 1211 can be applied using notched or plain trowels, pin screeds, squeegees or airless spray. The coating should be rolled with a spike roller as soon as possible after application to achieve a uniform finish. The applied coating should be rolled a second time after 15-20 minutes. Continuous rolling does not harm the product while it is still fluid. Always wear spiked shoes when rolling the **ContecTop 1211** with a spiked roller.

Cleaning

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

Estimating

Supply

Industrial kit : 26 kg (three components)

Component A : 9.28 kg pail

Component B : 3.72 kg pail

Component C (filler) : 13 kg bag

Coverage: **ContecTop 1211** standard pack of 26 kg will yield 16.70 L.

Shelf Life/ Storage

Store in dry conditions between 5oC and 30oC, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperatures the shelf life will be reduced. The shelf life is 12 months when stored as above.

Safety Precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until products are fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. If working in confined areas, suitable respiratory equipment must be used.

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