

ContecTop 1207

Tow-Component Heavy duty and highly chemical resistant epoxy mastic coating

Description

ContecTop 1207 High Performance, Heavy duty and highly chemical resistant epoxy mastic coating for use in all industrial markets. Self-priming, stand-alone system for a variety of chemical environments and suitable for application over most existing coatings, and tightly adherent to rust. When applied as a flooring system, ContecTop 1207 enhances the hygienic environment of the space.

Uses

ContecTop 1207 is a versatile coating for the protection of steel and concrete surfaces. It's self-priming surface tolerant high build characteristics make it ideal for a wide variety of applications such as coating structural steel, pipe work, concrete walls and floors, among many others.

Surface Preparation

Steel

Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. For mild environments, prepare by hand or power tools.

Concrete

Remove all oil, grease, dirt or contaminants from the surface.

All contaminated or damaged concrete must be removed down to a clean, structurally sound concrete substrate. Concrete must be cured at least

28 days at 21°C and 50% RH or equivalent time. Remove fins and other protrusions by stoning, sanding or grind-Abrasive blast to open all surface voids and remove all form oils, incompatible curing agents, hardeners, laitance and other foreign matter and produce a surface texture similar to that of medium grit sandpaper. Voids in the concrete may require surfacing. Blow or vacuum off sand and dust.

Mixing and Thinning

Mix the base and the hardener using an electrical Powered mixer to achieve a homogeneous uniformed color, DO NOT MIX PARTIAL KITS.

Spray: Up to 10% with Thinner # 2

Brush: Up to 12% with Thinner #15

Roller: Up to 12% with Thinner #15

Thinner #15 can be used for spray in hot/windy conditions. Use of thinners other than those supplied or recommended by CTC may adversely affect product performance.

Application

Apply by brush, roller or airless spray. Use a medium bristle brush or short-nap synthetic roller cover with phenolic core.

temperature during application between (10-43°C)

The coverage rate is around 8 m²/L at 100µ thickness.

Properties

% Solids (by volume)	80% ±2
Dry Film Thickness	100 µ
Flash point ASTM D 3828:2007 method B	60°C
Drying time ASTM D 5895:2003	5 -6 hours
Over coating time ASTM D 5895:2004	7-8 hours
Full Cure	7 days at 25oC and 50% RH
Sag resistance ASTM D 4400:1999	200 µm
Abrasion Resistance (Taber Abraser) weight loss after abrasion using wheel CS-10 and 1000 round ASTM D 4060:2001	0.07 Gram
Hardness by pencil test (5B0,5H) ASTM D 3363:2000	Pass
Scrub Resistance (Film thickness =175µm) ASTM D 2486:2000	> 1600 Cycle

Safety Precautions

ContecTop 1207 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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Cleaning

Tools and equipment can be cleaned with Thinner.

Estimating

Supply

Industrial kit: 7.2 liter (two components) or 36 liters (two components)

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.