

ContecPaint 191

High performance sealer and protective coating for concrete

Description

ContecPaint 191 is a single component, ready-to-use, high-performance solvent borne styrene acrylic resin topical sealer and concrete curing agent. ContecPaint 191 deeply penetrates the surface while forming a highly durable non-yellowing and non-dusting film over the surface for high chemical and stain resistance.

Uses

ContecPaint 191 is used as a penetrating sealer coat for concrete walls (especially old ones) before application of emulsions and texture coating. ContecPaint 191 enhances the color of decorative concrete and brings out the antiquing effect in stamped concrete and overlays, while at the same time protecting the surface against staining from liquids, oils, and food spills. ContecPaint 191 is also ideal for protecting masonry surfaces, including interlock and porous brick, and other absorptive materials such as natural stone, plaster, and wood against moisture and oil penetration. ContecPaint 191 also helps to reduce surface degradation caused by chloride penetration and efflorescence. ContecPaint 191 is suitable for medium to heavy commercial applications such as theme parks, public parks, driveways, and pool decks. ContecPaint 191 is appropriate for interior as well as exterior applications.

ContecPaint 191 also works as a curing by preventing quick evaporation from the concrete surface.

Advantages

- Formulated for interior and exterior use.
- UV resistant – will not yellow over time.
- Allows the concrete to breathe.
- Extends the life of the structure by protecting the substrate from liquid ingress damage.

Properties

Solids Volume	27%
Pull Off Adhesion (ASTM D 4541)	4.8 MPa (Substrate Failure)
Chemical Resistance (ASTM D 543:95)	
Acetic Acid (10%)	Excellent
Sodium Hydroxide (10%)	Excellent
Hydrochloric Acid (10%)	Excellent
Moisture Resistance (ASTM C 156)	0.313 %
Dry Time (21C, 50% RH)	30 min. to touch, 1 hr. recoat, 4 hrs. foot traffic, 24 hrs. heavy traffic, 48 hrs. full cure.
Film Thickness	25-50 microns
Thinning	Not required, use organic solvents for cleaning.



Instructions for Use

All surfaces must be clean, free of grease, oil, dirt, wax, and other foreign matter that may inhibit penetration of the sealer. Cleaning agents may be used provided they are thoroughly rinsed from all surfaces before application of the sealer. Do not use soap or detergent for cleaning; residue may prevent the sealer from bonding to the surface. When applying on an existing sealer coat, check compatibility with the old sealer. Solvent borne sealers may be re-emulsified by the solvent, however, if the existing sealer is water based it may have to be stripped off. In renovation jobs, old stained sealer coats, whether solvent-borne or not, must be stripped off and removed completely before applying fresh coat.

Application

Avoid application in direct sunlight, or during strong wind. On hot days, apply early in the morning when temperatures are lower or late at night. Mask or protect surrounding areas from spills and contact with product or equipment. Rope off working area, close to traffic, and remove surrounding vehicles.

After thorough preparation of the surface, **ContecPaint 191** can be applied by brush, sprayer or roller. Use a short-hair nap roller for smooth surfaces, and a 9 - 12 mm nap roller for textured surfaces such as stamped and exposed aggregate concrete. A solvent-resistant hand-pump sprayer may also be used. Two applications of undiluted sealer coats are a must for flooring applications. An initial diluted coat with Xylene is recommended for highly porous surfaces. Matt grade of **ContecPaint**

191 must always be preceded with a coat of the glossy grade. Always apply in thin coats and maintain a wet edge. Allow 24-48 hours drying time between coats.

Do not allow foot traffic for 24 hours after final application. Area may be opened to heavy foot traffic after a minimum of 72 hours.

Treated surfaces should be inspected periodically for thin or traffic-worn areas; dull color and/or water absorption are good indicators of thinned out sealer coats. Stain damaged or discolored sealer coats must first be removed by chemical or mechanical means.

Cleaning

Tools and equipment must be cleaned with an organic solvent.

Estimating

Supply

Industrial kit : 18 liters

Coverage: 9-13m²/ liter

Shelf Life/ Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. shelf life is approximately 12 months from date of purchase in original unopened container under specified storage conditions.

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. DANGER! FLAMABLE VAPOR AND LIQUID. Contains aromatic hydrocarbons. HARMFUL VAPORS. CAUSES EYE IRRITATION. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY – harmful or fatal if swallowed.

Do not breathe vapor or mist. May affect the brain and nervous system, causing dizziness or nausea. Causes nose and throat irritation. Use in a well-ventilated area. Use goggles, protective clothing and vinyl gloves when handling. Keep away from sources of heat or ignition. FIRST AID: Eyes – Do not rub eyes, immediately flush with plenty of fresh water while holding eyelids apart. Skin – Wash with soap and water. Inhalation – Leave the area if experience difficulty breathing. Ingestion – Immediately give large amounts of water and induce vomiting; seek immediate medical attention.

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