



CONSOL COSMETIC

Polymer Modified Portland Cement Coating

DESCRIPTION

CONSOL COSMETIC is a polymer modified, 2 component, cementitious coating. Designed for use on concrete, mortar, and masonry substrates. Easily applied by brush, roller, or spray equipment. This fine-textured, abrasion resistant coating is used for protection against deicing salts and for damp-proofing/waterproofing.

RECOMMENDED FOR

CONSOL COSMETIC is used on:

- Use on grade, above, and below grade on concrete, masonry, and mortar
- Use on horizontal, vertical, and overhead surfaces, both interior and exterior
- Use as a coating over newly repaired concrete to provide a uniform appearance
- Use as a protective coating to reduce the effect of deicing salt on concrete
- Use as a protective coating for waterproofing, damp-proofing, and improved resistance to weathering
- Use on concrete and masonry substrates to improve abrasion resistance to foot traffic and light pneumatic-tire traffic
- Use to coat the backside of architectural curtain wall panels to prevent water intrusion from the outside
- Portable water tanks.

BENEFITS

The other benefit of **CONSOL COSMETIC** are:

- Bond strength ensures superior adhesion
- Increases resistance of substrate to deicing salts
- Does not create a vapor barrier
- No mix water needed, liquid co-polymer triggers special blend of cement, fillers, and admixtures
- No batching, factory proportioned unit ensures consistent composition and high quality. Non-flammable, low odor
- Easily applied to clean, sound substrates

PRODUCT DATA

Form

Part A: Powder

Part B: Liquid

Color

Natural grey cement color

Packaging

20 kg set

Storage

Dry, shaded place. Protect from direct sunlight and frost.

Shelf Life

CONSOL COSMETIC can be stored for 12 months if stored as recommended in unopened original containers.

TECHNICAL DATA

Coverage

Coverage is dependent upon substrate and porosity

Tack-Free Time

Approx. 30 minutes

Recoating Time

Allow 2 hours minimum between coats

Application Thickness

0.2 – 0.4 mm/coat

Specific Gravity

Comp A : ~ 1.20 natural grey powder

Comp B : ~ 1.02 milky white liquid

Mixing Ratio

A : B = 1 : 1

APPLICATION

Substrate

Concrete, mortar, and masonry



Surface Preparation

All surfaces to be coated must be clean, sound, and saturated surface dry with no standing water at the time of application. Remove all dust, laitance, grease, oils, curing compounds, waxes, impregnations, and other contaminants.

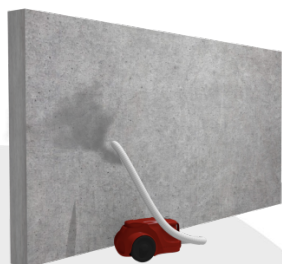
Mixing

All mixing must be done mechanically using a low-speed drill (400-600 rpm). Place approximately a half component A into a clean mixer container. While mixing, slowly add all of component B and continue to mix until achieve a uniform paste with no lumps. Be sure to scrape down sides of the mixing container at the time. Add remainder component A and continue to mix until uniformly blended.

Application

CONSOL COSMETIC should be applied over properly prepared surfaces with high-quality brushes, rollers or "hopper-type" spray equipment. Surface should be saturated surface dry prior to application. Two coats are recommended for maximum performance. Recommended thickness per coat is 0.2-0.4 mm. apply thoroughly mixed coating generously with loaded brush or roller. Always finish off with light strokes blending back into coated area for uniform appearance. For application in direct sun or on a hot substrate, pre-wet surface and allow surface water to dissipate before coating.

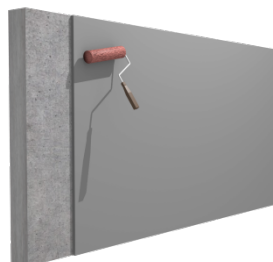
1. Cleaning Concrete Surface



2. Wet Concrete Surface



3. Coating 1



4. Coating 2



LIMITATION

- Maximum thickness of application is 0.4 mm/coat, thicker application can result in cracking
- Do not apply when rain is expected
- Minimum ambient and substrate temperature is 7°C and rising at the time of application
- For spray application, coating must be screened prior to loading of the spray hopper
- Coating may chalk and show watermarks due to weathering
- For application where coating will be subjected to immersion, three days cure is recommended
- Coating will slightly yellow with age and exposure to UV light
- As with all cement based materials, avoid contact with aluminum to prevent adverse chemical reaction and possible product failure.

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Factory

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