CIS SUPERCOAT 204

TWO COMPONENT ACRYLIC CEMENTCIOUS COATING

PRODUCT CATEGORY: WATEPROOFING

PRODUCT DISCRIPTION

CIS SUPERCOAT-204 is a high elastic, waterproofing polymer based material. With special waterproofing properties, easy to use by plastering, applying by using a brush and roller or trowel. Can be painted or overlaid. Use with waterproofing for non-toxic water tanks, can be used with drinking water. (Passed the water quality test on toxic substances (heavy metals) of the Water Quality Control Department) Provincial Waterworks Authority. After mixing with cement part , the liquid material can be applied on the desired surface. After drying, it

looks like a rubber sheet. It has the property to prevent water seeping through, seamless and flexible, not cracking.meets the requirement of ASTM C 190 -1985 standard

CIS SUPERCOAT-204 is Two component Aqueous styrene-acrylate copolymer based waterproofing material liquid (modified acrylic polymer) and high Elongination powder. nontoxic substances, environmentally friendly - free Volatile Organic Compound (VOC), excellent waterproofing property - no leakage up to 10 m. hydrostatic pressure

(mixing ratio 5:8.5 liquid : filler)

PRECAUTIONS & LIMITATIONS

- Do not add water to CIS SUPERCOAT-204 during application
- CIS SUPERCOAT-204 needs 7 days for complete air curing.
- Concrete & masonry surfaces must be cured for 28 days before application

AREA OF APPLICATION

- Concrete foundations, basements wall and lift pits.
- Swimming pools, water tanks and reservoirs.
- Concealed roofs, parking decks, bathroom, toilet, kitchen, balconies and planters.
- Any other concrete, cement or masonry surface subject to damage from moisture.
- Interior and exterior waterproofing and damp-proofing of concrete, cementitious rendering, brickwork and block work
- Protection of concrete structures against the effects of de-icing salts and freeze-thaw attack
- Pore / blowhole filling

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- FEATURES & BENEFITS
- Elasticity - Highly elastic film formation which accommodates thermal movements.
- Permeability - Impermeable to water providing excellent waterproofing property
- Water pressure - High film built-up to withstand 10m hydrostatic pressure without any leakages.
- Application advantage - Can be applied on damp surfaces leading to wide range application and instant remedy from moisture.
- Bonding - Excellent adhesion to concrete and masonry substrates hence longer life.
- Drying - Quick drying after application & user friendly, faster application.
- Seamless coating – Forms seamless coating without any joints, prevents water leakage.
- Toxicity – It is Non-toxic and free of VOC.
- Ease of application - Easily applied by brush, roller or spray

METHOD OF APPLICATION

Surface Preparation

- Allow new concrete and masonry substrate to fully cure prior application.
- All surfaces must be free from oil, grease, wax, dirt or any other form of foreign matter which might effect adhesion.
- Spalled Concrete must be sound before applied.
- Substrate should be reach a "Saturated Surface Dry" (SSD) condition (damp, without standing water)
  Mixing
- Use Portland cement mechanical mixer at slow speed; add Portland cement part to liquid part in a clean container
- until a smooth and homogenous slurry mixture is achieved.
- Allow the mixed slurry to stand for 5-10 minutes for releasing air-trapped during the mixing prior to application.
- Mixing material must be use within recommend pot life.
  Applications
- CIS SUPERCOAT-204 slurry can be applied by brush or roller. DO NOT dilute with water.
- Recommend Coverage rate is approximately 1.1 kg./m2 /coat for 1.5 mm. (Minimum 2 coat.).
- Allow the slurry to cure for at least 15-30 min. before applying second coat. Do not leave the first coat to dry longer than 8 hours.
- For tile adhesive application on surface allow surface to cure for 3 days prior.
- If first coat was cure over 8 hours Curing
- For maximum protection, allow 12 to 24 hours curing time after second coat.
- Leave CIS SUPERCOAT-204 at least 7 days to cure before filling or sealing water to test leaks.

COVERAGE

Coverage Approximately 4.5 -6 sq.ft in 2 coats at 1.5 mm DFT coverage may vary depending upon the nature and texture of the substrate

SHELF LIFE & STORAGE

- shelf life is 12 months from the date of manufacturing in unopened condition