CIS CHEM RCURWB 609

ECO-FRIENDLY, WAX-BASED, CLEAR CURING COMPOUND, SEALER AND DUSTPROOFER

PRODUCT CATEGORY: CURING COMPOUND

PRODUCT DISCRIPTION

CIS RCURWB 609 is an a wax based non-degrading, single component, clear curing compound. It is also suitable for use as a sealer and dustproofer for floors and walls. CIS RCURWB 609 is resistant to UV, abrasion and a range of chemicals. CIS RCURWB 609 is applied by spray at a coverage rate of 5-10m²/litr

USES

Provides a clear curing, sealing, dustproofing compound and acts as a pre-cure finishing aid, which can be used in a wide range of applications:

- High rise construction to eliminate water curing
  Floors, warehouses, slabs and columns Dust proofing concrete walls and floors
  Clear sealer for concrete Self-curing, primer system to subsequent coverings
  Pre-cure finishing aid; enables ease of finishing concrete flat works and pavement by manual steel or mechanical trowel

SPECIFICATION

Where indicated in the contract documents, the water based curing copound with sealing and dustproofing properties will be CIS RCURWB 609 supplied by CIS .

CHARACTERISTICS / ADVANTAGES

Eco-friendly - water based, free from solvent, oils waxes, chlorinated or saponifiable materials
Excellent evaporation controlling compound, resulting in moisture retention
Excellent moisture retention for freshly placed concrete, resulting in minimising shrinkage cracks
Suitability for foot traffic UV, chemical and abrasion resistant
Versatile - can be applied equally well to freshly placed or existing concrete
Cost effective - can be overcoated with waterbased and solvent based acrylic coatings, epoxy coatings, polyurethane coatings etc.

CIS CHEM RCURWB 609

ECO-FRIENDLY, WAX-BASED, CLEAR CURING COMPOUND, SEALER AND DUSTPROOFER

PRODUCT CATEGORY: CURING COMPOUND

STANDRADS

compliance Complies to ASTM C1315 Type 1, class A.

PROPERTIES

Solids content (ASTM D1644)	: 27%
Moisture retention	: 0.37kg/m² (ASTM C156)
Drying time	: 35 - 40 mins @ 20°C (ASTM C135, M 8.3) 10 - 15 mins @ 35°C
UV Resistance	: Resistant - no yellowing, (ASTM G53)
chalking - lighter than gardener colour 3 Adhesion of tile cement (ASTM C1315/ASTM D4541)	: 1.2 N/mm²

APPLICATION

CIS RCURWB 609 should be applied uniformly by brush, roller or spray, with no overlap of applications. Under standard site conditions, a single coat of CIS RCURWB 609 applied at a uniform rate of 7 to 10 m2 per litre. Extra porous substrates will necessitate application of CIS RCURWB 609 at a rate of 5 - 10 m² per litre. In case of sealing and dustproofing application, 2 coats at the above range must be applied. The second coat should be applied at a coverage of 10 - 15m² per litre. The applied film should not be trafficked until fully dry, and care should be taken to ensure that the film is not broken. Spray equipment Motorised or knapsack spray equipment, which produces a fine spray

COVERAGE

Coverage figures quoted for CIS RCURWB 609 are indicative; and based upon application to fresh or damp concrete at the appropriate time. Care should be taken to ensure that the concrete is indeed ready to accept the curing membrane

. CIS RCURWB 610: 5 to 10 m2 /litre

PACKING

50 litre,100 litre,200 litre

CIS CHEM RCURWB 610

ECO-FRIENDLY, ALUMINIUM BASED CURING COMPOUND, SEALER AND DUSTPROOFER

PRODUCT CATEGORY: CURING COMPOUND

PRODUCT DISCRIPTION

CIS RCURWB 610 is an aluminium based non-degrading, single component, curing compound. It is also suitable for use as a sealer and dustproofer for floors and walls. CIS RCURWB 610 is resistant to UV, abrasion and a range of chemicals. CIS RCURWB 610 is applied by spray at a coverage rate of 5-10m²/litr

USES

Provides a clear curing, sealing, dustproofing compound and acts as a pre-cure finishing aid, which can be used in a wide range of applications:
High rise construction to eliminate water curing
Floors, warehouses, slabs and columns Dustproofing concrete walls and floors v Clear sealer for concrete
Self-curing, primer system to subsequent coverings
Pre-cure finishing aid; enables ease of finishing concrete flat works and pavement by manual steel or mechanical trowel

ADVANTAGES

Eco-friendly - water based, free from solvent, oils waxes, chlorinated or saponifiable materials
Excellent evaporation controlling compound, resulting
Eco-friendly - water based, free from solvent, oils waxes, chlorinated or saponifiable materials
Excellent evaporation controlling compound, resulting in moisture retention
Excellent moisture retention for freshly placed concrete, resulting in minimising shrinkage cracks
Suitability for foot traffic UV, chemical and abrasion resistant
Versatile - can be applied equally well to freshly placed or existing concrete
Cost effective - can be overcoated with waterbased and solvent based acrylic coatings, epoxy coatings, polyurethane coatings etc.

STANDRADS

compliance Complies to ASTM C1315 Type 1, class A.

CIS CHEM RCURWB 610

ECO-FRIENDLY, ALUMINIUM BASED CURING COMPOUND, SEALER AND DUSTPROOFER

PRODUCT CATEGORY: CURING COMPOUND

PROPERTIES

Solids content (ASTM D1644) : 35%
Moisture retention : 0.31kg/m² (ASTM C156)
Drying time : 45 mins @ 20°C (ASTM C135, M 8.3) 10 - 15 mins @ 35°C
UV Resistance : Resistant -
chalking - lighter than gardener colour 3 Adhesion of tile cement (ASTM C1315/ASTM D4541): 1.2 N/mm²

APPLICATION

CIS RCURWB 610 should be applied uniformly by brush, roller or spray, with no overlap of applications. Under standard site conditions, a single coat of CIS RCURWB 610 applied at a uniform rate of 7 to 10 m2 per litre. Extra porous substrates will necessitate application of CIS RCURWB 610 at a rate of 5 - 10 m² per litre. In case of sealing and dustproofing application, 2 coats at the above range must be applied. The second coat should be applied at a coverage of 10 - 15m² per litre. The applied film should not be trafficked until fully dry, and care should be taken to ensure that the film is not broken. Spray equipment Motorised or knapsack spray equipment, which produces a fine spray

COVERAGE

Coverage figures quoted for CIS RCURWB 610 are indicative; and based upon application to fresh or damp concrete at the appropriate time. Care should be taken to ensure that the concrete is indeed ready to accept the curing membrane
. CIS RCURWB 610: 5 to 10 m2 /litre

PACKING

50 litre, 100 litre, 200 litre

CIS 521 WB

ECO-FRIENDLY, RESIN BASED, CURING COMPOUND, SEALER AND DUSTPROOFER

PRODUCT CATEGORY: CURING COMPOUND

PRODUCT DISCRIPTION

CIS 521 WB water-based concrete curing compound is formulated from hydrocarbon resins and may be used on interior, exterior, vertical, and horizontal concrete surfaces. Once applied, CIS 521 WB forms a premium-grade membrane that retains an optimum amount of water in freshly placed concrete for complete hydration of the cement.

NOTE: After approximately four weeks, the membrane begins to chemically break down when exposed to UV rays. The membrane will eventually dissipate from the surface. This process is sped up by exposure to traffic and UV light, as well as weathering conditions. This product is formerly known as CIS 521 WB

USES

CIS 521 WB can be used on both interior and exterior applications. Paint, resilient tile, or resilient flooring may be applied on concrete cured with CIS 521 WB, once the product has dissipated and/or has been properly removed. Because of the wide variety of coatings, paints, adhesives, and toppings available, contact the manufacturer of the flooring system or subsequent coating or topping for application approval over concrete cured with resin-based curing compounds. A small test application is always recommended

FEATURES/BENEFITS

- When properly applied, CIS 521 WB produces a premiumgrade film, which optimizes water retention
- Furnished as a ready-to-use, true water-based compound.
- Produces hard, dense concrete ... minimizes hair checking, thermal cracking, dusting, and other defects
- Offers a compressive strength significantly greater than improperly cured or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves resistance to abrasion and the corrosive actions of salts and chemicals..
- Minimizes excessive shrinkage.
- Can be applied quickly and easily with conventional commercial spray equipment.
- Formulations also available with red fugitive dye added (Type 1-D).
- VOC-compliant.

CIS 521 WB

ECO-FRIENDLY, RESIN BASED, CURING COMPOUND, SEALER AND DUSTPROOFER

PRODUCT CATEGORY: CURING COMPOUND

COVERAGE

Approximately 200 ft.2/gal. (4.91 m2/L). Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application

SPECIFICATIONS

- AASHTO M 148, Type 1, Classes A & B (Type 1-D also available)
- ASTM C309, Type 1, Classes A & B (Type 1-D also available)
- Complies with all current federal, state, and local maximum allowable VOC requirements, including National EPA VOC Emission Standard for Architectural Coatings, CARB, LADCO, OTC Phase I and II, and SCAQMD.