

RESI-CHEM CLEAR (Type 1 or 1D, Class B)

WATER-BASED, DISSIPATING RESIN CURING COMPOUND, MEETS ASTM-C-309

PURPOSE

RESI-CHEM CLEAR is a dissipating, water-based curing compound for newly placed concrete surfaces.

It produces a resin membrane film that promotes thorough concrete hydration and strength development.

DESCRIPTION

RESI-CHEM CLEAR is a water-based formulation of resins that produces a moisture resistant membrane film on concrete surfaces that will dissipate over time.

When thoroughly mixed, RESI-CHEM CLEAR is milky-white in appearance. It is also available with a fugitive dye for visual inspection.

PACKAGING

RESI-CHEM CLEAR is packaged in 275 gallon (1040.9 L) totes, 55 gallon (208.2 L) drums and 5 gallon (18.9 L) pails.

STANDARDS

RESI-CHEM CLEAR meets or exceeds ASTM C-309 (Type 1 or 1D, Classes A or B) and AASHTO M-148, as tested according to ASTM C-156 and AASHTO M-155.

RESI-CHEM CLEAR meets V.O.C. emission requirements for curing compounds (EPA limit 350 g/L).

RESI-CHEM CLEAR meets V.O.C. compliance for the State of California, Regulation 8, Organic Compounds, Rule 3, Architectural Coatings (CA limit 350 g/L).

APPLICATION

Storage: To prevent contamination, containers should be tightly closed and stored. Prevent accumulation of water, dirt or other residue on covers.

Preparation: RESI-CHEM CLEAR should be applied to newly placed concrete as soon as the surface water has dissipated and the concrete has been finished.

On vertical concrete surfaces, RESI-CHEM CLEAR should be applied immediately after formwork has been removed.

Product must be thoroughly mixed before each use.

Coverage: Spray application is recommended at 200 ft² per gallon (4.9 m²/L).

RESI-CHEM CLEAR may be applied by low pressure spray, brush or roller. Apply uniformly, avoiding over-application and "puddling".

RESI-CHEM CLEAR will normally oxidize and begin to wear away 30-60 days after application, depending on exposure to weather and sunlight.

Concrete surfaces may receive subsequent coatings or toppings after any residual curing compound material is removed.

Unusual applications or conditions may require the technical assistance of a Symons representative.

DRY TIME

RESI-CHEM CLEAR dries in approximately 2 hours at 70°F (21°C).

CLEAN-UP

If RESI-CHEM CLEAR is still wet, then rinse immediately with water.

If RESI-CHEM CLEAR is dry, then use citrus cleaners, organic solvents or hot water power washing.

LIMITATIONS

Protect from freezing. Do not apply at temperatures below 40°F (4°C).

SHELF LIFE

Shelf life of properly stored RESI-CHEM CLEAR is approximately one year.

PRECAUTIONS

It is mandatory to take the following precautions to protect workers and the public:

1. KEEP OUT OF THE REACH OF CHILDREN.
2. This product is water-based. Protect from freezing.
3. Avoid inhalation of vapors. Ensure adequate ventilation.
4. Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water.
5. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs.
6. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

WARRANTY

Symons warrants, for 12 months from the date of manufacture, or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Symons, the product is free of manufacturing defects and conforms to Symons' published specifications in force on the date of acceptance by Symons of the order. Symons shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Symons instructions in this technical data sheet.

The purchaser must examine the product when received and promptly notify Symons in writing of any nonconformity before the product is used, or no later than 30 days after such nonconformity is first discovered. If Symons, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the nonconforming product, refund the purchase price or issue a credit. This is the sole and exclusive remedy for breach of this warranty.

Only a Symons officer is authorized to modify this warranty. The sales information on the Symons website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. **THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.**

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Symons shall not be liable, in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injuries), or economic losses of any kind; or for any special, incidental, indirect, consequential, special, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Symons could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

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