

ARMORCURE 300

WATER BASED CONCRETE CURING AGENT

PRODUCT DESCRIPTION

ARMORCURE 300 is water-based concrete curing compound which is formulated from hydrocarbon resins and may be used on interior, exterior, vertical, and horizontal concrete surfaces.

This is an emulsified latex-based compound specifically designed to meet the moisture retention properties.

BENEFITS

- Water-based compound and ready-to-use.
- VOC compliant
- ARMORCURE 300 helps to improve the compressive strength of concrete significantly
- Improves resistance to abrasion and the corrosive actions of salts and chemicals.
- Reduced concrete permeability
- Minimized excessive surface shrinkage.
- Controls cement hydration
- Reduces dust formation
- Reduces the potential for plastic cracking.
- Improves the surface strength and durability of the concrete.

RECOMMENDED USES

ARMORCURE 300 is typically used for: Residential or commercial projects, both Interior and Exterior Applications where paint, resilient tile, or resilient flooring may be applied later.

STANDARD

ASTM C309, Type 1, Classes A & B
AASHTO M 148, Type 1, Classes A & B

PACKAGING

20 liters keg and 210 liters drum.

COVERAGE

ARMORCURE 300 covers approximately 5m per liter. Exact coverage depends on the concrete condition.

SURFACE PREPARATION / APPLICATION MODE

Apply ARMORCURE 300 in a uniform film to horizontal surfaces as soon as the surface water disappears and the surface cannot be marred by walking applicator. On vertical surfaces, apply promptly after the forms are removed. Promptly clean application equipment with soap and water following use. Handle and dispose of cleaning residue properly.

Mix gently before usage.

Ensure that the application tools are clean and free from dust or any other foreign materials.

ARMORCURE300 may be applied with a typical commercial hand or power sprayer, apply promptly after the forms are removed. An even spray pattern/application is essential and recommended for the aesthetic and final appearance of the concrete. Avoid dripping of the spray nozzle on fresh concrete. ARMORCURE 300 typically dries in 1 - 2 hours, depending on jobsite conditions (temperature, % relative humidity, wind, etc.) Restrict foot traffic for at least four hours. Twelve hours is preferable.

WORK MODE

ARMORCURE 300 forms a layer that holds an ideal measure of water in newly placed concrete for complete hydration of the cement. Approximately after 20-21 days, the film starts to synthetically separate when exposed to UV rays. The film will in the long run dissipate from the surface.

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HEALTH AND SAFETY

- Wear protective gloves and eye protection during work
- Avoid contact with eyes and skin
- If skin contact occurs, wash skin thoroughly
- If in eyes, hold eyes open and flood with warm water and seek medical attention immediately

HANDLING AND STORAGE

1. Precautions for safe handling:
Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact.
No special measures necessary provided product is used correctly.
2. Conditions for safe storage, including any incompatibilities.
Further information on storage conditions: Keep only in the original container in a cool, dry, well ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.
3. Dispose of contents/container to hazardous or special waste collection point.

STABILITY AND REACTIVITY

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability: The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions: The product is stable if stored and handled as prescribed/indicated. Conditions to avoid See MSDS section 7 - Handling and storage.

Incompatible materials Substances to avoid: strong acids, strong bases, strong oxidizing agents, strong reducing agents

LIMITED WARRANTY

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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