



ARMORCURE 100

CONCRETE CURING AGENT

CURING AGENT

PRODUCT DESCRIPTION

AMORCURE 100 is a multi-purpose, silicate- based coating made for curing and sealing new concrete and sealing existing concrete. When applied over freshly placed concrete, ARMORCURE 100 eliminates the need for moist curing and improves the strength and durability of the concrete surface.

BENEFITS

- Promotes proper curing by retaining moisture in freshly placed concrete.
- Highly water resistant.
- Higher Concrete Strength when properly cured.
- Increased wear resistance.
- Improved durability and reduced shrinkage cracks.
- Excellent impermeability.
- It is ideal for preventing premature drying in warm, dry or windy weather.
- Clear Coating Surface
- Seals Concrete Surfaces

RECOMMENDED USES

ARMORCURE 100 is typically used to produce: Concrete Surface

STANDARD

ASTM C309 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

PACKAGING

20 liters keg and 210 liters drum

SURFACE PREPARATION / APPLICATION

ARMORCURE 100 is a silicate based acrylic copolymer that meets ASTM C309 requirements for Concrete Curing Compounds. It contains 20% solids.

APPLICATION MODE

ARMORCURE 100 is ready to use and should be applied after the new concrete has hardened and the surface sheen has disappeared. Using a garden sprayer, introduce 2 thin layers at right angles to one another. Apply evenly to obtain coverage of 200 ft²/gal (4.9m²/L). Do not leave puddles. Use a brush to spread excess and remove puddles Clean application tools with water immediately after use Even application is extremely important with colored concrete. Uneven application of ARMORCURE 100 will result in uneven color.

SURFACE PREPARATION

When used as a sealer only, the surface should be clean, porous and able to accept additional sealer. Do not use this product on non- porous, sealed or painted surfaces. Oil stains, dirt and other surface contaminants must be removed.

HEALTH & 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



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HANDLING AND STORAGE

1. Do not apply more than the recommended amount. Do not leave puddles. If puddles form on textured surfaces, use a brush to remove them. When used as a curing compound, do not apply to finished concrete surface too quickly. Under typical conditions, the proper application time will be 4-6 hours after placing. When used as a curing compound in hot, windy weather, the proper application time will be reduced to as little as 2-3 hours after placing. Wait at least 10-12 hours in cool weather. Apply after finishing and when surface water has been reabsorbed. Do not apply if rain, heavy dew or temperatures below 500F(100C) are expected within 24 hours. Keep from freezing during storage. Do not cover surfaces treated with ARMORCURE 200 for at least 24 hours after application.
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

1. Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.
2. Chemical stability: The product is stable if stored and handled as prescribed/indicated.
3. Possibility of hazardous reactions: The product is stable if stored and handled as prescribed/indicated.
4. Conditions to avoid See MSDS section 7 - Handling and storage.
5. Incompatible materials Substances to avoid: strong acids, strong bases, strong oxidizing agents, strong reducing agents
6. Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicate

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 express 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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