

ARMORCURE 200

CONCRETE CURING AGENT

PRODUCT DESCRIPTION

AMORCURE 200 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 200 eliminates the need for moist curing and improves the strength and durability of the concrete surface.

BENEFITS

- Improves the surface appearance
 - Reduces cracking
 - Assists reaching the required strengths
 - Reduces shrinkage
 - Controls cement hydration
 - Reduces dust formation
 - Reduced concrete permeability
 - Alleviates other costly curing methods
 - Adhesion of subsequent treatments to concrete surface is not impaired.
- It is ideal for preventing premature drying in warm, dry or windy weather.
- Seals Concrete Surfaces.
- Highly water resistant.
- Increased wear resistance.
- Improved durability

RECOMMENDED USES

ARMORCURE 200 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.

TECHNICAL PROPERTIES

ARMORCURE 200 is a silicate based acrylic copolymer that meets ASTM C309 requirements for Concrete Curing Compounds. It contains 20% solids.

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

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



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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.

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.

Armorsil Manufacturing supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. Armorsil Manufacturing does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to Armorsil Manufacturing in writing within seven working days of being detected.

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