

ARMORSEAL 700

LIQUID ALIPHATIC AND WEATHER RESISTANT POLYURETHANE WATERPROOFING TOPCOAT

PRODUCT DESCRIPTION

ARMORSEAL 700 a is one component, UV-stable aliphatic liquid membrane used as a topcoat for ARMORSEAL 250 polyurethane waterproofing. It increases the wear and abrasion resistance of treated surface and recommended for areas used for pedestrian and vehicular traffic. Cures with the humidity in the atmosphere. It comes in different colour such as transparent grey, blue and green.

ADVANTAGES OF THE FINISH (TOP COAT)

- Excellent UV resistance.
- Being aliphatic, it does not dis-colour when exposed to sunlight.
- Simple application (roller or airless spray).
- When applied forms seamless membrane without joints.
- Provides water vapor permeability, so the surface can breathe.
- Maintains its mechanical properties over a temperature span of -30o C to +90o C.
- Provides excellent adhesion to almost any type of surface.
- Even if the membrane gets mechanically damaged, it can be easily repaired locally within minutes.

APPLICATION

Substrate pre-treatment

The coating to which ARMORSEAL 700 is applied should be clean and dry and free from oil and grease and any other substances which may impair adhesion. Application should take place within the re-coat intervals of the coating to which it is to be applied.

ARMORSEAL 700 is a single component material. Prior to application, the temperature of the material should be in the range of 15–25°C. Some settling of the pigments may occur on standing. ARMORSEAL 700 should, therefore, be well stirred before use. ARMORSEAL 700 should be spread evenly with a squeegee followed by back rolling with a short hair roller.

The curing time of the material is influenced by the humidity and the ambient and substrate temperatures. At low humidity and low temperatures, the chemical reaction is slowed down; this lengthens the curing time and the recoating intervals. At high humidity and high temperatures the chemical reaction is accelerated thus the time frames mentioned above are shortened accordingly.

Following application, the material should be protected from direct contact with water for approx. 12hours. The temperature of the substrate must be at least 3°C above the dew point both during the application and for at least 5 hours after the application (at 15°C).

The product must not be applied when the temperature is below +5°C or above 35 °C. Do not mix solvents, sand or other products that could affect the products properties must not be added. High humidity during hardening can affect final appearance, specially gloss.

ARMORSEAL 700 can be broadcasted with dry silica sand to provide a hard wearing, slip resistant finish.

ARMORSEAL 700

LIQUID ALIPHATIC AND WEATHER RESISTANT POLYURETHANE WATERPROOFING TOPCOAT

APPLICATION AREAS

- Roofs, Verandas, Balconies and Terraces
- Natural stones
- Door and windows cases
- Wood and bamboo
- Marble, ceramic surfaces

CONSUMPTION

0,5 -1,0 kg/m² applied two or three layers. This coverage is based on application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature and application method can alter consumption.

SURFACE PREPARATION

Preparing Surface

Clean the surface using a high pressure washer, and remove oil, grease and wax contaminants, cement laitance, loose particles, mould release agents must be removed. Fill surface irregularities with the necessary product. Pour ARMORSEAL 700 onto the primed or waterproofed surface and apply in one or two coats.

Application Notes of Finish:

Usage: ARMORSEAL 700 should be used up at one opening, failure to seal opened cans properly will lead to curing of unused material.

Storage: Seal the can tightly and store in a cool, well-ventilated place. Shelf life is 12 months and ARMORSEAL 700 is packed in 4kg and 25kg containers.

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

Precautions for safe handling

- Avoid aerosol formation.
- Avoid inhalation of mists/vapours.
- Avoid skin contact.
- No special measures necessary provided product is used correctly.
- 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.
- Dispose of contents/container to hazardous or special waste collection point.

ARMORSEAL 700

LIQUID ALIPHATIC AND WEATHER RESISTANT POLYURETHANE WATERPROOFING TOPCOAT

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

Armorsil Manufacturing. Makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied. Neither seller nor Armorsil Manufacturing shall be liable to the buyer or any third person for any injury, loss or damages of any sort including remote or consequential damages, down time, or delay directly or indirectly resulting from use of or inability to use the product. . The information contained in the latest data sheet supersedes all previously published editions. Visits to site by Armorsil personnel do not constitute supervisory responsibility. Armorsil reserves the right to alter the information contained in this datasheet without prior notice