

# ARMORTRANS

## LIQUID TRANSPARENT POLYURETHANE WATERPROOFING SYSTEM

### PRODUCT DESCRIPTION

ARMORTRANS is a transparent aliphatic polyurethane based, one component liquid membrane which cures with humidity in the atmosphere. It produces a durable but highly elastic membrane with strong adhesion to many types of surfaces. ARMORTRANS can be applied on tiled surfaces, metal surfaces and wooden surface. AMORTRANS waterproofs mineral surfaces against water penetration, chemical attack, it is UV-stable and non-yellowing.

### BENEFITS

- Excellent UV resistance.
- Being aliphatic, it does not yellow/discolor 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 -30OC to +90OC
- Provides excellent adhesion to almost any type of surface.
- High strength and puncture resistance and can adhere to almost any type of surface
- When applied it is joint less and no complicated detailing, therefore application is simple
- The waterproofed surface can be used for domestic, public pedestrian and vehicular traffic.
- Provides water vapor permeability, so the surface can breathe.
- Resistant to detergent, oil and other domestic chemicals.

### RECOMMENDED USES

ARMORTRANS can be used for restoration and waterproofing of the following areas:

- Transparent waterproofing of balconies, natural stone and tiled surfaces
- Transparent waterproofing of glass and skylight
- When applied it forms seamless membrane without joint
- Provides water vapor permeability, so the surface can breathe.
- Maintains its mechanical properties over a temperature span of -30OC to +90OC.

### APPLICATION MODE

#### SURFACE PREPARATION

Please note that proper surface preparation is essential to the success of AMORTRANS application. The surface must be clean, dry and sound, free of any loose particles, dirt and contaminations which may affect AMORTRANS capacity to adhere effectively to substrate. The tiled, wood or other surfaces for which AMORTRANS is to be applied must be dried and free from moisture. Maximum moisture content should not exceed 5%. New concrete structures need to dry for at least 28 days. Old coatings, dirt, fats, oils, organic substances and dust need to be removed.

Do not apply the ARMORTRANS on ceramic surfaces with ascending nitric salts in the joints, without suitable pre-treatment. Do not apply the on surfaces treated in the past with active silane, siloxane, silicon or other water-repellents, because of expected poor adhesion. We recommend an adhesion test, if circumstances and surface history are not clear. Please note that appropriate cleaning equipment such as high pressure washer, scrappers, grinders etc should be used to remove oil, grease and wax contaminants, cement laitance, loose particles, mould release agents must be removed. Fill surface irregularities with the necessary product.

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### PRIMING OF SUBSTRATE

Apply the primer ARMOR TILE PRIMER for Prime (activate) non-absorbent glazed surfaces, like glazed ceramic tiles, glass and glass bricks by soaking a clean and dry cloth and must be sure that not leave any untreated spots.

Apply ARMORTRANS coating onto the primed surface and lay it out by roller or by suitable teeth trowel, until all surfaces is covered. After priming and first application, in 24 hours apply a second and third layer of the ARMORTRANS coating, by using roller or brush.

### 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.

### 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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