

## URELAST 2000 AQ

### DESCRIPTION

**URELAST 2000 AQ** is a one-component elastic membrane applied as a liquid. It is a 100% water-based polyurethane that is applied and dries cold and provides long-lasting waterproofing.

**URELAST 2000 AQ** consists of flexible water-based polyurethane resins, free of acrylic resins and other inferior additives.

**URELAST 2000 AQ** forms a joint-free hydrophobic membrane that does not leak, is 100% waterproof and efficiently protects new and old structures for long periods.

**URELAST 2000 AQ** comes in red, white, grey and tile.

### PROPERTIES

**URELAST 2000 AQ** is water-resistant, frost-resistant, water vapour permeable and easy to apply (roller or airless spray gun).

When applied it forms a crack-free membrane that prevents seepage, maintains its mechanical properties at temperatures from  $-40^{\circ}\text{C}$  to  $90^{\circ}\text{C}$  and it is cheap. The waterproofed surface can withstand traffic, bridges cracks and if damaged, the membrane can be repaired in minutes and presents low VOC content ( $< 100$  g/L).

### APPLICATIONS AND QUANTITY REQUIRED

**URELAST 2000 AQ** is primarily used to waterproof roofs, balconies and terraces, wet areas (under tiles) in bathrooms, and kitchens; to waterproof and protect concrete structures such as bridges and tunnels; and to protect polyurethane foam.

Around  $1,5\text{--}2,0$  kg/m<sup>2</sup> is required, applied in two or three coats, based on roller application and optimum surface conditions. The amount used may change depending on the porosity of the surface, the temperature, the humidity, the method of application and the finishes.

### INSTRUCTIONS FOR USE

For durability and the correct application, the surface should be clean, dry and contaminant-free. The moisture content should not exceed 8%. Dirt, grease, oil, organic substances and dust should be removed mechanically. Remove any surface irregularities. Repair any loose areas on the surface.

Sealing cracks and joints before application is vitally important to preserving the properties of the membrane. Clean the cracks of dust, debris and other contaminants. Clean the concrete expansion joints of dust and other contaminants. Expand and deepen the joints if necessary.

We recommend using Urelast Primer AQ to prime the surfaces.

Stir the **URELAST 2000 AQ** before pouring onto the surface. Then spread the **URELAST 2000 AQ** with a roller or brush to cover the entire surface (an airless spray gun can also be used). In problematic areas (half pipes, chimneys, pipes, siphons etc.), we recommend reinforcing the surface with Urelast TEX (place the Urelast TEX over the still-wet membrane and then saturate it with the required amount of **URELAST 2000 AQ**).

After 18-36 hours (no more than 36 hours), apply another coat of **URELAST 2000 AQ**. If desired, apply a third coat of **URELAST 2000 AQ**.

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Do not dilute with water and do not apply **URELAST 2000 AQ** at temperatures below 0°C or when rain or frost is forecast in the next 48 hours. For the best results, the temperature during application and curing should be between 5°C and 35°C. Lower temperatures will delay curing, while high temperatures will accelerate it. High humidity may affect the final finish.

To provide a non-slip finish for the **URELAST 2000 AQ** system, we recommend using Urelast Antideslizante (Non-slip) (cheap, easy to use and clean) on the still-wet membrane.

Apply one or two coats of Urelast Pigmento PU over the **URELAST 2000 AQ** for a stable colour finish.

### STORAGE RECOMMENDATIONS

**URELAST 2000 AQ** is moisture-sensitive and must be stored in the original airtight containers and protected from direct sunlight. Store at temperatures between 5°C and 30°C.

Properly stored (cool, dry place), it has a shelf life of 18 months.

Store containers of **URELAST 2000 AQ** in a dry, cool place for no more than 18 months. Protect the product.

### SAFETY RECOMMENDATIONS

There are no significant risks with the system if handled properly. Avoid contact with the eyes and skin. Preparation and handling must be in accordance with the product's safety data sheets.

### AVAILABLE FORMATS

**URELAST 2000 AQ** is supplied in 20 kg and 3,75 kg containers.