

URELAST 100

DESCRIPTION

URELAST 100 is a waterproofing, fully adhesive polyurethane-polyurea membrane formed by the reaction of two liquid components, without solvents, that is applied and dries cold.

URELAST 100 comes in grey.

PROPERTIES

URELAST 100 is water-resistant, remains elastic at low temperatures and provides a trafficable waterproof surface. It offers a continuous, crack-free coating that is cheap, prevents seepage and holds its mechanical properties between -40°C and 100°C .

APPLICATIONS AND QUANTITY REQUIRED

URELAST 100 is primarily used to waterproof surfaces in direct contact with drinking water (pipes, canals and reservoirs) and for the odourless waterproofing of wet areas (under tiles), such as kitchens and bathrooms.

Around 1.5–2.0 kg /m² is required 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 5%. Dirt, grease, oil, organic substances and dust should be removed mechanically. Remove any surface irregularities. Repair any loose areas on the surface. Do not clean the surface with water.

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 on surfaces such as concrete, glue cement, metal and ceramic tiles.

Mix the A and B components in **URELAST 100** at low speed based on a 6:1 ratio by weight (A+B) for between 3 and 5 minutes. Thoroughly mix the components, especially on the walls and bottom of the container, until evenly mixed.

Pour the **URELAST 100 A+B** mixture over the primed surface and spread with a roller until it covers the entire surface. Do not leave the **URELAST 100 A+B** mixture in the container for long because the exothermic reaction accelerates drying and limits the product's properties. After mixing the components, pour the mixture onto the surface or into smaller containers to minimise these effects. For the best results, the temperature during application should be between 5°C and 35°C . Lower temperatures will retard drying and higher temperatures will accelerate it. High humidity may affect the end result.

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STORAGE RECOMMENDATIONS

The A and B components are moisture-sensitive and must be stored in the original airtight drums and protected from direct sunlight. Store at temperatures between 5°C and 30°C.

Properly stored (cool, dry place), the product has a shelf life of 9 months.

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 100 A+B is supplied in 6+1 kg and 15+2.5 kg metal drums.