

URELAST 900

DESCRIPTION

URELAST 900 is a one-component, polyurethane waterproofing membrane applied as a liquid. It is cold drying, highly elastic and adheres completely to surfaces when applied.

URELAST 900 comes in grey and tile.

PROPERTIES

URELAST 900 is easy to apply (roller or airless spray gun), is frost-resistant and allows water vapour transmission. Once applied, it forms a joint-free waterproof membrane and maintains its mechanical properties between -30°C and 90°C .

It repairs cracks of up to 2 mm, even at -10°C . It is cheap, offers quick and easy repairs, and is trafficable.

To be used on surfaces that require a large thickness, without having to apply many layers, it is recommended to mix the **URELAST 900** with the Urelast Catalyst.

It presents a good resistance to detergents, seawater, oils and alkaline and acidic solutions (10%).

APPLICATIONS AND QUANTITY REQUIRED

URELAST 900 is primarily used to waterproof roofs, balconies and terraces, wet areas (under tiles) such as bathrooms, and kitchens, as well as garden beds and flower boxes. It also waterproofs and protects concrete structures, such as bridges and tunnels, as well as insulating polyurethane foam.

Around $1.5\text{--}2.5\text{ kg/m}^2$ 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 and the method of application.

We recommend reinforcing **URELAST 900** with Urelast TEX.

INSTRUCTIONS FOR USE

For good product application and durability, prepare the surface by cleaning, drying and ensuring it is free of contaminants. Its moisture content should not exceed 5%.

Dirt, grease, oil, organic substances, dust and surface irregularities should be removed mechanically. Repair any loose sections on the surface. Do not to clean the surface with water.

Seal cracks and joints to maintain the membrane's properties.

We recommend using Urelast Primer AQ (check the drying time on the data sheet) on porous surfaces (concrete, cement or wood) and on non-porous surfaces such as metal, ceramic or old membranes.

Stir the **URELAST 900** before pouring onto the surface. Then spread the **URELAST 900** 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 900**).

After 12 hours (no more than 36 hours), apply another coat of **URELAST 900**. If desired, apply a third coat of **URELAST 900**. Three coats are recommended if applying **URELAST 900** without Urelast TEX.

Apply one or two coats of Urelast Pigmento PU over the **URELAST 900** for a stable colour finish.

To provide a non-slip finish for the **URELAST 900** system for public pedestrian areas, we recommend using Urelast Antideslizante (Non-slip) (cheap, easy to use and clean) on the still-wet membrane. For vehicular traffic areas and ramps we recommend Urelast Antideslizante Silice.

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TECHNICAL CHARACTERISTICS

Characteristics	Norma	Standard	Urelast 900
Tensile strength		MPa	7,5
Elongation	UNE EN ISO 527	%	900
Shore hardness	UNE EN ISO 868	Sh A	65
Reaction to fire	UNE-EN 13501-1	Euroclass	E

STORAGE RECOMMENDATIONS

URELAST 900 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 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 900 is supplied in 25 kg and 6 kg containers.