

Technical Datasheet

JUNOPRIMERELASTIC H 2/C



Product: 95509 Impermeabilisation / Liquid Polyurethane Membrane

DESCRIPTION

JUNOPRIMERELASTIC H 2 / C is the suitable solution for applying waterproofing or as decking polyurethane on substrates with humidity levels greater than 4%.

Product not suitable when presence of humidity due to groundwater or capillarity, with pressure greater than 1.5 N / mm.

Product is a 2-component water-based resin that, once mixed, is fully compatible with wet or wet substrates, and which, after polymerization, forms a crystalline product of great hardness and adhesion, acting as a barrier against residual humidity. Prevents surface blistering.

USE: INTERIOR - EXTERIOR

This product is very useful in all kinds of waterproofing works, involving the use of polyurethanes, such as:

- Rehabilitations of terraces, roofs, etc.
- Waterproofing treatments and rehabilitations in tanks, cisterns and other water storage and channeling systems.
- Surfaces exposed to continuous moisture.

PROPERTIES

- Withstands humidity exceeding 4%.
- Prevents blistering due to exerted steam pressure.
- Excellent adherence.
- Minimizes total incompatibility with one-component polyurethane resins

CERTIFICATIONS

- Flash Point: >100°C
- Hardness: 64D
- Maximum elongation: 3,2%
- Maximum traction: 39 MPa
- Tear Strength: 7,2 N/mm

Finish: Satin

Colour: Semi-translucent White

Viscosity: 1300 mPa.s

Mixture density: 1,07 g/cc

Drying: 6 hrs at 25°C and 5% humidity
10 hrs. at 25°C and 90% humidity
2 hrs. at 35°C and 20% humidity (semi-translucent finish)
>100 h 6°C 50% humidity
>100 h -15°C (semi-translucent finish)

Minimum repaint time: A second coat can be applied as soon as first coat is touch dry.

Maximum repaint time: 24 hours after drying.

Thinner: Water

Practical coverage: Initial coat, average consumption is 300-500 grams/m² when diluted 10-20%. This varies depending on surface texture and absorption.
Second coat, average consumption is 300-500 grams/m² when diluted 10-20%. This varies depending on surface texture and absorption.

Solids content: 51 ± 2 %

Flash point: >100°C

Pot life: 45 minutes at 25°C

Mixing ratio A/B in volume: 100:266

Mixing ratio A/B in weight: 100:240

Thermal resistance: Stable up to 80 °C

VOC Content: 2 grams/litre

95509 SEMI-TRANSLUCENT WHITE



Format: 18 kg / 5 kg

The information contained in this data sheet may change and must be updated. Consult www.junopaints.com or your nearest JUNO representative to obtain the most recent data sheet. The technical advice of application, whether verbal, written or through trials, are based on the experience and technical knowledge of JUNO. The data shown in this document should be considered a recommendation and as such does not imply any commitment, even with regard to possible industrial property rights of third parties. The application, employment and transformation of the products supplied by JUNO are carried out by third parties. Consequently, the final result is the sole responsibility of the client, applicator or manipulator of the products and not of the supplying company. This document does not exempt the client from carrying out his own examination of the products supplied, in order to verify their suitability for the procedures and intended purposes. In case of responsibility assumed by JUNO, it will be limited to the strict value of the goods supplied and used by the customer, whatever the damages and losses caused. JUNO guarantees the quality of all its products, in accordance with the current General Sales Conditions.

Technical Datasheet

JUNOPRIMERELASTIC H 2/C



Product: 95509 Impermeabilisation / Liquid Polyurethane Membrane

SURFACE PREPARATION

To obtain good penetration and adhesion, the surface must always have the following characteristics:

1. Level (since it is a self-leveling product)
2. Cohesive / compact with a minimum resistance of 1.5 N / mm² (pull off test)
3. Regular and fine appearance
4. Free of fissures and cracks. If there are any, these must be previously treated
5. Surface must be solid, clean, dry, free from dust or traces of loose flaking particles, grease, oils, laitance, moss, etc.

Concrete substrates must be prepared mechanically by abrasive blasting or scarifying to lift the surface and open pores. The substrate is primed and leveled until a regular flat surface is achieved. Sharp irregularities are to be sanded down. Remove all dust and loose material from the surface with a brush, broom and / or vacuum cleaner.

APPLICATION TIPS

Stir and shake product at low speed to homogenize the two components. The product turns into a semi-translucent white solution. After application, the paint film becomes transparent in one to two hours, depending on temperature and thickness.

The recommended temperature of the surface for the optimal application condition is between 15°C and 40°C.

Low temperature and high humidity conditions are not favorable for the curing of the product.

Apply between 200 and 500 g/m² of undiluted product. Excess amounts can cause the appearance of veiled or whitish areas.

Apply by brush or roller.

In highly absorbent substrates, a diluted first coat can be applied as a sealer to close any open pores, followed by a second undiluted coat. The recommended dilution in this case is 10 to 20% water.

On hot surfaces (exposed to the sun), it is recommended to pre-wet the surface before application.

OBSERVATIONS

In case of using the product as a primer for the subsequent application of exposed polyurethane finish floors or exposed waterproofing, it is recommended to measure the moisture content of the already dried primer, in order to ensure the total evaporation of the water contained in this product, and thus avoid the subsequent formation of blisters.

SAFETY AND ENVIRONMENT

As this is a solvent based product, it must be applied with good ventilation and with the necessary protection measures.

Avoid sources of ignition.

Minimize paint waste by estimating the right amount of paint, taking into consideration m²'s, the porosity and texture of the surface.

Store any excess material in a ventilated and dry place. The container must be clean and of adequate size for the amount of product left over. Close containers carefully and keep upright to avoid spills. Keep containers away from frost, high temperatures and direct exposure to the sun.

Store up to 12 months from manufacturing date.

Recover unused paint for reuse, and reduce environmental effects.

Do not eat, drink or smoke during the preparation and application of the product.

Surface preparation and application operations must be carried out with the corresponding safety measures.

For more information, consult the Safety Data Sheet.

The product must be used only for the given use and in the prescribed manner. This product should only be used for industrial and professional purposes.

It is not suitable for DIY type use. In case of contact with eyes wash with clean and abundant water. Keep out of the reach of children.

Do not discharge into drains or the environment. Dispose of at an authorized waste collection point.

Consult your city council for the correct recycling of both the container and leftover paint according to local legislation and principles of environmental respect.