



Primer for the Pavistone 1k system

DESCRIPTION

Rayston Prim PU 100 is a 100% solids one-component polyurethane resin for use as a primer for Pavistone 1k based systems.

APPLICATION

Base coat supplement for the Pavistone 1k aliphatic system, to be used in combination with crushed marble stones. Tree grates, trails, walkways, ramps, garden decoration, cycle lanes, pedestrian areas, commercial premises.

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

Chemical identity	Moisture curing aromatic polyurethane prepolymer	
Physical state	Liquid	
Presentation	Metal container 4 kg 20 kg	
Solid content	100%	
Flash point	> 120°C	
Colors	Yellowish	
Density	Temperature (°C)	Density (g/cm ³)
	20	1.16
Viscosity	Temperature (°C)	Viscosity (mPa.s)
	20	800-1000
Potlife	1 hour (1 kg, 25°C, 60% hr)	
Storage and expiration	Store in a cool (<35°C) and dry place, away from humidity and heat sources. Storage time: 12 months from manufacture.	

INFORMATION ON THE FINAL PRODUCT

Final state	Solid membrane
Colour	Yellowish
Hardness (Shore)	65D
Thermal resistance	Stable up to 80°C

SUPPORT REQUIREMENTS

To obtain good penetration and adherence, the support must be firm, clean and adhered to its base, without loose particles. Likewise, it must be free of fissures and blisters, which must be repaired or glued on the base.

ENVIRONMENTAL CONDITIONS

The recommended temperature of the support for the application is between 0°C and 30°C.

Higher temperatures can lead to the formation of bubbles under the surface or an irregular surface due to too rapid evaporation of the solvent.

MIXING OR HOMOGENIZATION

It is not necessary to shake the product except if a dilution has been made.

APPLICATION

It can be applied with a roller, brush or airless spray. Although it is not essential, it is recommended to fully use the content of each container. If not, you must ensure that it is completely water tight. It can be applied undiluted, as supplied; however, in a first coat you can dilute the product by adding PU solvent up to 25%.

CONSUMPTION

Expect a consumption of 100 to 300 g/m² per coat.

DRYING TIME

Drying time varies considerably with environmental conditions as it is a moisture-curing polyurethane. The higher the temperature and the more humidity there are, the shorter the drying time. Below are some guideline values for a 300 g / m² film.

Terms	Drying time (h)
25°C, 50% hr	8

TOOL CLEANING

Clean tools using PU solvent.

SECURITY

Rayston Prim PU 100 contains isocyanates. Always follow the instructions on the safety sheet of this product and take the protection measures described therein. In general, adequate ventilation and / or respiratory protection is mandatory for the operator (combined particulate filter and organic vapor filter), along with protective clothing for the skin. The product should be used only for its intended uses and in the prescribed manner. This product should only be used for industrial and professional uses. It is not suitable for DIY use or for use by the general public.

ENVIRONMENTAL CONDITIONS

Empty containers should be handled with the same precautions as if they were full. Consider packaging as waste to be treated through an authorized waste manager. If the containers contain remains, do not mix them with other products without previously ruling out possible dangerous reactions. Small amounts of debris can be allowed to harden in the same container as a stage prior to treatment.

OTHER INFORMATION

The information contained in this data sheet, as well as our advice, both written and provided orally or through tests, are given in good faith based on our experience and the results obtained through tests carried out by independent laboratories, and without serving as guarantee for the applicator, who should take them as merely indicative references and with strictly informative value.

We recommend studying this information in depth before proceeding to the use and application of any of these products, although it is especially convenient to carry out tests "in situ" to determine the suitability of a treatment in place, with the purpose and conditions concrete that occur in each case.

Our recommendations do not exempt from the obligation that the applicator has to know in depth, the correct method of application of these systems before proceeding to their use, as well as to carry out as many preliminary tests as appropriate if there is doubt as to their suitability for any work, installation or repair, taking into account the specific circumstances in which the product will be used. The application, use and processing of our products are beyond our control and, therefore, under the sole responsibility of the installer.

Consequently, the applicator will be solely and exclusively responsible for the damages derived from total or partial non-observance of the use and installation manual and, in general, from the inappropriate use or application of these products.

This data sheet cancels previous versions.

