



## PU primer for Pavistone 1k

### DESCRIPTION

Rayston Prim PU 100 is a single component polyurethane resin, 100% solids, for use as a primer for all systems based on Pavistone 1k.

### APPLICATION

Complementary product for base coats of the Pavistone 1k aliphatic system, which is used as a binder with grinded marble for tree pits, paths, ramps, gardens, bike lanes, pedestrian zones, shopping areas, etc..

### TECHNICAL DATA

#### BEFORE APPLICATION

<b>Chemical description</b>	Moisture cured polyurethane prepolymer	
<b>Physical state</b>	liquid	
<b>Packaging</b>	Metal container	
	4 kg	
	20 kg	
<b>Non-volatile content (%)</b>	100	
<b>Flash point</b>	>120°C	
<b>Colour</b>	Yellow	
<b>Density</b>	<i>Temperature (°C)</i>	<i>Density (g/cm3)</i>
	20	1.16
<b>Viscosity</b>	<i>Temperature (°C)</i>	<i>Viscosity (mPa.s)</i>
Approximate, Brookfield	20	800-1000
<b>Pot life</b>	1 hour (1 kg, 25°C, 60% hr)	
<b>Storage and expiration</b>	Keep in a dry and cold place (<35°C), away from moisture and heat. Use before 12 months after manufacturing date.	

#### FINAL PRODUCT

<b>Final state</b>	Solid layer
<b>Colour</b>	Yellowish
<b>Shore hardness</b>	65D
<b>Thermal resistance</b>	Use up to 80°C

### SUPPORT REQUIREMENTS

For a good adhesion, support must be:

1. Leveled
2. Cohesive/compact. Minimum 1,5 n/mm2 (pull off test)
3. Uniform appearance.
4. Free from cracks
5. Clean, dry, with no dust, laitance or loose material.

### APPLICATION CONDITIONS

Support temperature should be between 0°C and 30°C. Higher temperatures may give rise to bubble formation under the coating surface, or an uneven film.

### MIXING

Not necessary unless a dilution has been made.

### APPLICATION GUIDELINES

Apply by roller, brush or airless spraying equipment. Although not strictly necessary, it is recommended to use all the contents of the can. If not, ensure the remaining is kept tightly sealed after use.

It can be applied as such, but often in a first coat, it is diluted up to 25% with Slow Solvent Rayston. use of Rayston Solvent is not recommended. Usual amounts applied range from 100 to 300 g/m2.

### CURING TIME

Curing time depends strongly on the ambient conditions. The higher the temperature and humidity are, the faster Rayston Prim PU 100 cures. The following table gives approximate values of curing for 300 g/m2 wet films.

Conditions	Touch-free time (h)
25°C, 50%hr	8

### TOOL CLEANING

Use Rayston Solvent.

### SAFETY

Rayston Prim PU 100 contains isocyanates. Always follow the instructions provided in the material safety data sheet and take the precautions described there. As a general rule, a suitable ventilation must be ensured and any skin contact avoided. This product is intended to be used only for the uses and in the way here described. This product is to be used only by industrial or professional users. It is not suitable for DIY-type uses

### ENVIRONMENTAL PRECAUTIONS

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorized waste manager. Waste containers with small amounts of uncured product can be allowed to dry before sending to treatment.

### OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project. Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This Technical Data Sheet supersedes previous versions.