

## DESCRIPTION

Enamel suitable for painting systems of wooden products, waterproof, easily applicable, ideal for professional use as it has high compatibility and characteristics of adhesion, filling power and coverage on different types of bottom. Ensures a finish characterized by high uniformity and formidable resistance to weathering and mechanical elements indispensable for the duration of applications, useful for safeguarding the product over time.

Its high quality allows to obtain the aesthetic and technical solution for the different painting needs with an excellent level of finish and with the maximum protection and resistance of the color outside even in situations of strong exposure in severe conditions. The characteristics of adequate elasticity, scratch and wear resistance generate a film that remains stable, beautiful and resistant even to the stresses due to the dimensional variation of the support as the climatic conditions change and resistant to the chemical elements contained in food drinks and common detergents.

It is a two-component polyurethane formulated with light-stable coloring pigments, polyester resins and aliphatic polyisocyanate in the solvent phase. The dried film is non-yellowing, UV resistant, impermeable to water, and therefore guarantees high protection in conditions of strong exposure to atmospheric agents and sunlight; it is suitable for painting systems of manufactured items inside and outside. The properties of adequate distension, low tendency to sag and fast drying, allow applications with professional tools that ensure a finish characterized by high aesthetic homogeneity and adequate coverage of the edges with reduced painting times. To improve the abrasion resistance, use the textured version, which can be obtained by adding up to 20% by weight of texturizing paste on Riplast R9.

PRODUCT PROPERTY	VALUE	METHOD
RESISTANCE TO WEATHERING	GOOD	
IMPACT RESISTANCE	GOOD	
BENDING RESISTANCE	GOOD	
HARDNESS	GOOD	
SOLID BY WEIGHT	Riplast R9: 63-67 % Hardner R8: 42-46%	Internal PF25
SURFACE APPEARANCE		
SATIN SMOOTH		

<b>COLOUR RANGE</b>	White. The range of colors can be extended in the shades of the Tintema bundle with the Tintema system. Between one production and the other the color may be slightly different, it is therefore necessary to finish the work with the same production.
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PERFORMANCE DATA	VALUE	METHOD
SPECIFIC WEIGHT	Riplast R9: 1000-1300 g/l Induritore Riplast R8: 950-1050 g/l;	Internal PF3
GLOSS LEVEL	45-55	Internal PF6
POT-LIFE	Minimum 3,5h	Internal PF7
DRYING TIME	Recoatable 16-18h; Complete 24h	Internal PF2

<b>SHELF LIFE</b>	The product must be stored in the original containers at a temperature between +5 ° C and +30 ° C.
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## TYPICAL USE

It is suitable for the decoration and protection from atmospheric agents (even with intense colors) of new or maintenance items such as window frames, doors, garden furniture, wood-based boats of different species suitably pre-treated, in rural, marine or industrial. The recommended thickness for a good protection is to be established according to the aggressiveness of the environment and the application must always be performed on a perfectly clean support. In order to guarantee good adhesion between several layers, the overlapping without sanding of the underlying layer must take place within 1-2 hours with the wet-on-wet technique. During application, make sure that the appropriate thickness is guaranteed in the corners because it is the part of the article that is more difficult to protect. The actual temperature during application must be at least 3 °C above the dew point and the relative humidity of the air must not be >65%. We remind you that, when every 5 °C varies, the drying times of the polyurethane products vary considerably.

### TOOLS

Spray.

### MIXING RATIO

100 *Riplast R9* / 50 *Riplast R8* (in weight)  
100 *Riplast R9* / 70 *Riplast R8* (in volume)

### THINNING

Up to 15% by weight with Nitro NV 5000. If you paint in unfavorable conditions due to too much humidity or high temperature, to avoid spots or other film defects, use Butol thinner.

### COVERAGE

6-8 m<sup>2</sup>/kg per layer

### APPLICATION TEMPERATURE

+5°C +30°C

### PAINTING SYSTEM

#### **New artifact of different wood species in exterior**

- 1.1 Smooth the wood first with 80 grit abrasive paper and then with 150 grit abrasive paper;
- 1.2 Apply a layer of Riplast R8 R9 diluted to 10% with Butol with a consumption of 140 160 g / m<sup>2</sup>;
- 1.3 After 16-18h, polish with 180-220 grit abrasive paper and apply a second layer of Riplast R8 R9 diluted 10% with Butol with a consumption of 140 160 g / m<sup>2</sup>.

#### **Maintenance of old artifact**

- 2.1 Smooth completely to wood and start again from point 1.2.

#### **New artifact of different wood species in interior**

- 3.1 Smooth the wood first with 80 grit abrasive paper and then with 150 grit abrasive paper;
- 3.2 Apply a layer of Riplast R100 R50 with a consumption of 160 200 g/m<sup>2</sup>;
- 3.3 After 6-8h, sand with 180-220 grit abrasive paper and apply a layer of Riplast R8 R9 with a consumption of 140 160 g/m<sup>2</sup>.

#### **New product in MD and surfaces treated with finishing cards**

- 4.1 Smooth the surface to be treated with 150 grit abrasive paper;
- 4.2 Proceed as point 3.2 and 3.3.

#### **Maintenance of old artifact**

- 5.1 Smooth completely to wood and treat as a new product.

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## **SPECIFICATION ITEM**

Two-component polyurethane enamel based on polyester and aliphatic polyisocyanate with good adhesion, impact resistance and atmospheric agents, suitable for decoration and protection from atmospheric agents of new or maintenance items such as window frames, doors and windows, garden furniture, wooden vessels of different species suitably pre-treated, in a rural, marine or industrial atmosphere with an average consumption of 150 g / m<sup>2</sup> inside and 300 g/m<sup>2</sup> outside.

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## **INSTRUCTIONS**

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system can vary.

Our recommendations on the use of the product are based on observations and accurate research carried out on our own. The experiences acquired in the practical application was also taken into consideration. However, due to the enormous variety of supports and conditions of application, it is essential to check the suitability for use of the product and its effectiveness by means of tests carried out on the specific implementation.