

CHARACTERISTICS

Two-component polyurethane enamel suitable for pigmented painting systems, easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling and coating powers on various types of substrate. Guarantees a lacquered finish, distinguished by aesthetic uniformity and extraordinary mechanical resistance.

Its high quality guarantees the ideal aesthetic and technical solution for a wide range of painting requirements, with excellent finishing results.

The properties of this film, which include elasticity, scratch resistance and wear resistance, ensure that it maintains its appearance while remaining stable and also able to withstand attacks from the chemical elements contained in drinks and commercial detergents.

A two-component formulation with hydroxylated alkyd resins and polyisocyanate in the solvent phase, it is ideal for painting systems designed for interior wooden structures.

Its good coverage, low tendency to run and rapid drying properties mean that it can be applied with professional tools which guarantee a finish characterized by excellent visual consistency and good coating of the corners as well as reduced painting times. White tends to yellow over time. To avoid yellowing, use *Riplast R6 Non Ingiallente* (non-yellowing).

To improve its resistance to abrasion, use the texturized version, which can be obtained by adding up to 20% by weight of texturizing paste to *Riplast R5*.

PROPERTIES OF THE DRIED FILM

RESISTANCE TO FOOD GRADE LIQUIDS	EXCELLENT
COVERING CAPACITY	HIGH
SCRATCH-RESISTANT	EXCELLENT

SURFACE APPEARANCE

SMOOTH OPAQUE

COLOURS

White. The range of colours can be extended using the *Tintema* sample book with the *Tintema* system and, for the pastel shades of the *Tintoretto* sample book, the *Arreghini Colors 16* system. The colour could vary slightly from one production batch to the next; it is therefore important to finish the job with the same batch.

TECHNICAL DATA

SPECIFICATIONS

SPECIFIC WEIGHT	<i>Riplast R5</i> : 1150-1250 g/l <i>Riplast R6</i> : 950-1050 g/l
BROOKFIELD VISCOSITY S04 10 RPM	1800-2800 mPa*s
BROOKFIELD VISCOSITY S04 50 RPM	1000-2000 mPa*s
GLOSS	20-30
POT LIFE	Minimum 8h
DRYING	Touch dry 90 mins; Fully dry 8h

NON-VOLATILE MATTER BY WEIGHT

Riplast R5: 61-65%
Riplast R6: 36-40%
Riplast R6 Non Ingiallente: 34-38%

STORAGE

The product should be stored in its original containers at temperatures of between +5°C and +30°C, away from fire sources. The R6 component must be kept dry. For this reason, once the tin has been used, ensure that it is then re-closed hermetically and that the air volume is not superior to 1/3 of the total volume. If this is not the case, either use the product within a short period of time or transfer it to a smaller tin.

HOW TO USE

USE

It is ideal for decorating and protecting in the pigmented painting cycle, structures for furnishing and internal fixtures with surfaces made of wood of various types, appropriately pre-treated with two-component polyurethane primer. Strong colours can also be used.

If painting conditions are unfavourable due to excessive humidity or high temperatures, use *Butol* thinner to avoid pitting, fogging or other defects of the film.

In order to guarantee good adhesion between coats of polyurethane products without having to sandpaper the underlying coat, recoating must take place within 1-2 hours using the wet-on-wet technique.

It is important to remember that the drying times of polyurethane products vary considerably with each 5°C change in temperature.

TOOLS

Spray-gun.

MIXING PROPORTIONS

100 *Riplast R5* / 50 *Riplast R6* or *R6 Non Ingiallente* (by weight).

100 *Riplast R5* / 70 *Riplast R6* or *R6 Non Ingiallente* (by volume).

THINNING

Up to 10% by weight with *Nitrodil*. If painting conditions are unfavourable due to excessive humidity or high temperatures, use *Butol* thinner to avoid pitting or other defects of the film.

COVERAGE

6-7 sq.m/kg per coat

APPLICATION TEMPERATURE

+5°C +30°C

PAINTING SYSTEM

New structures made of various types of wood

1. Sandpaper the wood beforehand with 80 grit abrasive paper then with 150 grit abrasive paper.
2. Apply a coat of *Riplast R100-R50* at a consumption rate of 200-240 g/sq.m.
3. After 12-8 hours, sandpaper with 180-220 grit abrasive paper and apply a coat of *Riplast R5-R6* at a consumption rate of 140 -160 g/sq.m.

New structure in MD with surfaces treated with starched paper

- A. Sandpaper the substrate to be treated with 150 grit abrasive paper.
- B. Proceed as per points 1 and 2.

Maintenance of an old structure

Sandpaper right down to the wood and resume from point 1.

SPECIFICATION ITEM

Two-component polyurethane enamel containing polyester and aromatic polyisocyanate with good adhesion, scratch resistant, suitable for spray applications for the finishing of interior structures with an average consumption rate of 150 g/sq.m.

INSTRUCTIONS

To carry out the work in a workmanlike fashion, it is of fundamental importance to follow the instructions for the preparation of the surfaces contained in the CAP Arregghini Books, in the application cycle and in the product data sheet.

This technical information is intended as a rough guide. Adapt the instructions to the specific conditions of use. 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 one operation and the next vary.

RIPLAST R5-R6

Polyurethane enamel

Our recommendations on the use of the product are based on accurate observations and research carried out by us. The experience gained in practice was also taken into consideration. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and its effectiveness by testing on the specific case.