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RESICOLOR 473

SINGLE-COMPONENT ACRYL-POLYURETHANE VARNISH IN DULL OR SATIN WATERY EMULSION

Transparent varnish for indoors and outdoors, ready to use, based on polyurethane polymers and acrylate co-polymers. Following application, it hardens at ambient temperature.

Areas of use

- Anti-scratch finishing for decorative flooring, DECORWAVE, AUTOMIX;
- Waterproofing and protection of concrete, plaster, calcareous and silicic stones and concrete flooring;
- Transparent protective treatment of quartz dry-shake industrial floors to make cleaning easier, it enhances resistance to wear and tear and reduces absorption of liquids;
- It waterproofs and protects floors and wooden manufactured products, enhances wooden streaks and increases resistance to scratch.

Characteristics

RESICOLOR 473 protects treated surfaces by forming an even waterproof, dull or satin film which is resistant to diluted chemical solutions of acids and bases, in addition to the action of ultraviolet rays and polluted industrial atmospheres.

The RESICOLOR 473 film has the following characteristics:

- Excellent adhesion to most dry supports which have been duly prepared;
- Good resistance to wear and tear and cuts;
- Good flexibility;
- Lightfast and resistant to UV rays.

How to use**Preparation of the support**

The surface to be treated must be clean, dust-free and oil and fat stain-free. Use on floors and walls perfectly dry and cured (at least 28 days in case of concrete) prepared through sanding or smoothing.

Preparation of the product

The product is ready for use: in case of very porous supports, it can be diluted with 5-10% clean water.

Application

Apply two or more layers using brush, roller or airless spray; wait for the layer to harden before applying another one.

Notes

It cannot be applied on damp or wet surfaces and when rain is forecast for the next hours.

Application during the cold season when temperature falls below +10°C and there is high humidity (>70%) is not recommended.

Over-paintings, done after 48 hours, require prior sand-papering of the lower layer with fine abrasive paper or brite scotch.

Technical Characteristics

Appearance	Milky liquid
Appearance of the hardened film	transparent
Resistance to abrasion: Taber (500 gCS 17 stone, 1000 cycles)	dull 20 mg satin 16 mg
Cross-hatch test	
onRESICOL 451	ISO 0 - ASTM 5B
onAUTOMIX R90 – R92	ISO 0 - ASTM 5B
Viscosity (Brookfield at 23°C)	
Dull	896 cP
satin	256 cP
Specific weight	1.05 kg/dm ³

Use and hardening times

The products starts reacting as it gets in contact with air.

Temperature	Dust free (tack free)	Paintable again after
+10 °C	120'	30 h
+20 °C	50 – 60'	24 h
+30 °C	25 – 30'	12 h

Data valid at ambient temperature of +20 °C, 50% relative humidity and sufficient ventilation and may change based on the amount of product applied and environmental conditions (temperature and humidity).

Consumption

Depending on product absorption, consumption varies from 80 to 150 g/m²: 1 kg of product results in 6 to 12 m².

Packaging and storage

Available in packages of 5 kg, 10 kg and 25 kg.

If stored in its original, sealed containers in a sheltered place, the product remains unaltered for at least a year if kept in a closed and sheltered environment with a temperature between +10 and +30 C° (keep from freezing).

Cleaning of tools and health precautions

Clean tools with water

Polyurethane resins may cause irritations: please avoid any contact with the skin and especially with the eyes during use.

Wear gloves, protective suit, goggles or protective visor.

In case of contact with the skin wash with water or neutral soap; in case of contact with eyes or mucosa, do not use alcohol. Rinse immediately with running water and neutral soap for 10/15 minutes, then seek medical advice.

Do not rinse with solvents.

The information supplied in this sheet is the result of the best practical and laboratory experiences of RESIMIX, which guarantees its products when used according to the instructions supplied. It is nonetheless up to the customer to ensure the product is suitable for the intended use. The manufacturer declines any responsibility for incorrect use or uses beyond his control. RESIMIX reserves the right to make changes to the data. For any request, please contact the RESIMIX Technical Assistance Office.