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PG0501YO/---XXX

PURE GREEN water based Coating for furniture and parquet floors

IT CONTAINS RAW MATERIALS FROM RENEWABLE SOURCES

Main features:

• Mix of oil, polymeric resins and natural waxes	• Keeps a natural wood coloration
• Good chemical-physical resistance	• Reduced-yellowing formulation
• Content of Volatile Organic Compounds less than 0.4%.	• High waterproofing skills; easy and fast application
• 49.3 % renewable carbon on the organic part	• 13.4 % renewable carbon in total volume

Versions:

PG0501YO	5 gloss
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Recommended use:	• Parquet floors	• Furniture	•
Application method:	Short hair roller, brush, spray.		
Product preparation:	Ready to use. Properly mix before use. For application on wide surfaces or during summertime, dilute to a 5-10% ratio with tap water or AY M450		

Chemical physical characteristics at 23°C

Solid content (%)	24 ± 1
Specific weight (g/cm ³)	1,030 ± 0,020
DIN 4 Viscosity (s)	35 ± 5
Brookfield Viscosity (mPas)	-
pH	Between 6 and 7

Application characteristics

Maximum verticality (µm wet)	100
Recommended n of coats	from 2 to 3 coats
Recommended quantities per coat (g/m ²)	min: 40 max: 80
Interval between coats	2-4 hours
Spreading rate (m ² /liters)	From 12 to 14

General remarks on the cycle

Drying at 20°C RH% between 45 and 65: 60 g/m ²		Forced drying: 60 g/m ²	
Dust free	30 minutes	Temperature	Time
Handable	60 minutes	Flash Off	/
Overcoatable	4 - 6 hours	Laminar air	/
Stackable/Walkable	24 hours	Percussion air	/
Sandable	4 - 6 hours	Overcoating	/

Substrate preparation: Carefully clean wood's surface: smooth the raw (grit paper 150 – 180 recommended), that must be free from oil, waxes or glues traces. If the application is done on tinted material, it is mandatory to use stains not very water - soluble, like TY M003 series, in order to avoid solubilization of colors in the coat. After the drying of the first coat, sand with grit paper 320-400 in order to eliminate wood's fiber, and overcoat with the same product.

Applicative instructions: Roller use, brush: it is recommended to use the product as single component. During summer time it is recommend to dilute at 5-10 % with water or with the slow-drying agent **AY M450**, in order to ease both application and flowing. If it is needed to dye or revive the essence, just in first coat, small quantities of organic coloring agents (max 1 %) like the **TY M003** series can be added, or iron oxide pastes (max 1%) directly to the product. After at least 4 hours brush or softly sand with grit paper 320-400 just to eliminate wood's fiber, then clean and overcoat with the same product without adding color.

PG0501YO can be also used as bicomponent as for restoration of old coated surfaces. In this case sand with grit paper 240-280, clean the surface and apply **PG0501YO** with 5% of **YC M402** in order to grant a better adhesion.

Remarks: As a consequence of the natural components contained, the protective **PG0501YO** can turn yellow when exposed to light; it is therefore necessary to use the product in white topcoats where this may cause problems of excessive colour change over time. It is recommended to carry out preliminary tests in order to check durability of the coated material.

For further information about coatings with water products of our range, please make reference to our guide.

General remarks

- Properly mix before using.
- If the product is stored at temperatures between 5 e 35°C, shelf life is 18 months.
- During application phase, temperature must not fall below 15 °C, for the product, the substrate and the environment. Films forming below given temperature have worst chemical and physical features related to the qualitative standard generally achievable.
- Coatings leftovers (Cleansing water) have to be disposed of according to the current regulations. Do not throw any residuals in the sewerages.
- All the equipment have to be cleaned with water right after use. If dry films have to be removed, use **AY M460**, making it work overnight, then clean again with water.

What to do ...	Add	% of use	
		%	Grams for 5 liters
To enhance distension	AY M450	2 - 10	from 100 to 500

To eliminate cissings	AY M457	0,2 - 1	From 10 to 50
To improve adhesion on already coated surfaces	YC M403	5	250