

12/02/2025



Renner Italia S.p.A.
Via Ronchi inferiore, 34
40061 MINERBIO (BO)

YS---M009/--XXX

Water-based oil for furniture and parquet – wax based

CONTAINS RAW MATERIALS FROM RENEWABLE SOURCES

Main properties:

Good abrasion resistance	Non yellowing formulation, it can be blended with hardener
Mixture of oils, urethane-acrylate resins and waxes with excellent waterproof properties and a quick and easy application	Rich in waxes that give the surface excellent waterproof properties and a top notch silky effect

12.5 % renewable carbon on the organic part

Versions:

YS---M009/-----	Clear	YS---M009/--T94	Clear, natural wood effect
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Recommended use:	- Parquet - Furniture - Restoring
Application method:	Short pile roller, brush, wipe, spray.
Product preparation:	Blend with 5 % of YC---M402/----- (or YC---M400/-----, YC---M401/-----, YC---M434/-----, YC---M403/----- or YC---M404/----- at the same ratio). If needed, dilute at 5-10% with AY---M450/----- or AY---C007/----- during in summertime or in tropical areas, or when applied by wiping on large surfaces.

Chemical-physical characteristics at 23°C	
Solids content (%)	22 ± 2
Specific gravity (g/cm³)	1.020 ± 0.020
Viscosity DIN 4 (s)	16 ± 6
Viscosity Brookfield (mPas)	-
pH	7÷9

Application characteristics	
Max. vertical hold (µm wet)	-
Recommended n° of coats:	2-3
Recommended quantity per coat (g/m²)	30 min. – 80 max.
Interval between coats (hours)	1÷3
Spreading rate (m²/l)	12÷24

General directions on the coating system			
Drying at 20°C and RH at 45÷65%		Forced drying: 60 g/m³	
		Temperature	Time
Dust free	30 minutes	Flash-off	/
Touch dry	60 minutes	Laminar air	/
Overcoatable	1-4 hours	Turbulent air	/
Foot traffic	48 hours	Overcoatable	/
Sandable	2-4 hours		

Substrate preparation: Clean the wood surface carefully, removing all traces of grease, waxes and glues. Sand the bare wood (we recommend using 150-180 grit paper). Clean the floor with a Hoover before coating.

Application instructions: by wipe, roller and brush: We recommend using the product as a 2K, but it can also be used as a 1K when a particularly good level of surface protection is not required.

YS---M009/----- can be colored with pastes from EY---M690/--xxx range for tinting system, color C02 excepted.

YS---M009/--T94 version can be colored with all the pastes from EY---M690/--xxx range for tinting system.

To tint or restore the wooden surface to be oiled, add small quantities of organic stains from series TY---M003/--xxx (max 2 %) or iron oxide pastes (max 1 %) only on the first coat to YS---M009 clear version. After at least 4 hours, slightly brush or sand with 320 - 400 grit paper to eliminate the fiber swelling, then clean with a Hoover and overcoat with the same oil. When using on floors, apply a third coat after at least 4 hours, slightly brushing or sanding with 320-400 grit.

The use of the hardener minimizes the leakage of colored substances from tannin- or resin-rich woods such as Iroko, Merbau etc., thus improving the aesthetic result and the chemical and abrasion resistance.

The addition of the hardener is therefore imperative when using T94 or when the product is used on parquet flooring. necessary when applying

When restoring already coated surfaces, it is recommended to slightly sand the surface with 400 grit paper, clean and then apply the hydro-oil only in the 2K version.

During summertime or in tropical areas, we recommend thinning with 5-10% of AY---M450/----- or AY---C007/----- to improve application and flow.

For more information regarding painting with the water-based products in our range, request or consult our guide.

General remarks

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, the shelf life is 18 months.
- During application, the temperature of the product, the substrate, the coating and the working environment should never fall below 15°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved.
- Leftovers (washing water, water from spray booth, used coating) must be disposed of according to local regulations. Never dispose of residues directly into drains.
- Application tools must be cleaned with water after use. When dry films must be removed, special detergent AY---M460/----- should be used, letting it work overnight and then cleansing with water.

What to do...	Add	% of use	
		%	Grams per 5 litres
To improve flow	AY---M450/-----	2 - 10	100 - 500
To eliminate cissing	AY---M457/-----	0,2 - 1	10 - 50