



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

YS---M009/--XXX

Water-based Oil for furniture and parquet – with beeswax

Main properties:

<ul style="list-style-type: none"> • Good abrasion resistance 	<ul style="list-style-type: none"> • Non yellowing formulation, it can be catalyzed
<ul style="list-style-type: none"> • Mixture of oils, PU resins and waxes with excellent waterproof properties and a quick and easy application 	<ul style="list-style-type: none"> • Rich in waxes that grant the surface excellent waterproof properties and a silky effect

Versions:

YS---M009	Clear	YS---M009/--T94	Clear natural wood effect
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Recommended use:	<ul style="list-style-type: none"> • Parquet • Furniture • Restoring
Application method:	Leveled Roller, brush, wipe, spray.
Product preparation:	Catalyze at 5 % with YC M402 (or YC M400, YC M401, YC M403 or YC M404 at the same ratio). If needed, dilute at 5-10% with tap water or with AY M450 in summer season.

Chemical - physical characteristics at 23°C

Solid content (%)	18 ± 1
Specific weight (g/cm ³)	1,010 ± 0,020
Viscosity DIN 4 (s)	16 ± 3
Brookfield viscosity (mPas)	-
pH	7 - 8

Application characteristics

Maximum verticality (wet µm)	-
Recommended n° of coats	2 - 3
Recommended quantity per coat (g/m ²)	min: 30 max: 60
Interval between coats	1-2 h
Spreading rate (m ² /litres)	12 - 24

General remarks on the coating system

Drying at 20°C and R.H.% between 45 and 65: 60 g/m ²		Forced drying: 60 g/m ²		
		Temperature	Time	
Dust free	30 minutes			
Handable	60 minutes			
Overcoatable	1 - 4 h			
Walkable	24 h			
Sandable	2 - 4 h			
		Flash off	/	/
		Laminar air	/	/
		Percussion air	/	/
		Overcoatable	/	/

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 two pack, but if a good level of surface protection is not required, it can also be used as a one pack. The **YS M009 T94** version can be colored with pastes from the **EY M690** series tinting system.

In order to stain or restore the wooden surface to be oiled, only on the first coat, add small quantities of organic stains from series **TY M003** (max 2 %) or iron oxide pastes (max 1 %) to **YS---M009** clear version. After at least 4 hours, slightly brush or sand with 320 - 400 grit paper in order to eliminate the fibre 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, without sanding.

The use of the hardener reduces the leakage of coloured substances from rich-in-tannin or rich-in-resins woods like Iroko, Merbau etc., improving the esthetical result and the chemical and abrasion resistance. Adding the hardener is thus necessary when applying **YS---M009/--T94** or when using the oil on parquet.

In case of restoring surfaces already painted, we recommend slightly sanding with 400 grit paper, cleaning and then applying YS M009 only in the two-pack version.

In summer season, we recommend thinning with **AY M450** at 5% to improve the application and flowing.

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.
- Coating left overs (washing waters, waters from spray booths, used coatings) 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 the flowing	AY M450	2 - 10	100 - 500
To eliminate cissing	AY M457	0,2 - 1	10 - 50