



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 • Mixture of oils, PU resins and waxes with excellent waterproof properties • Quick and easy application 	<ul style="list-style-type: none"> • Non yellowing formulation , can be catalyzed • Rich in waxes which grants high waterproof properties and silky effect on the surface.
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Versions:

YS---M009	Clear	YS---M009/--T94	Clear natural wood effect
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Recommended use:	• Parquet	• Furniture	• Restoring
Application method:	Leveled Roller, brush, wipe, spray.		
Product preparation:	Catalyze at ratio 5 % with YC M403 (as alternative use YC M401, YC M402 or YC M404 at same ratio) , in case of need thinning 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
Viscosity Brookfield (mPas)	-
pH	7 - 8

Application characteristics

Maximum verticality (µm wet)	-
N° of coats	2 - 3
Recommended quantity per coat (g/m ²)	min: 50 max: 80
Interval between coats	1-2 h
Spreading rate (m ² /litres)	12 - 24

General remarks on coating system

Drying at 20°C and RU% between 45 and 65: 80 g/m ²		Forced drying		
			Temperature	Time
Dust free	30 minutes	Flash off	/	/
handable	60 minutes	Laminar air	/	/
overcoatable	1 - 4 h	Percussion air	/	/
walkable	24 h	Overcoating	/	/
sandable	2 - 4 h			

Substrate preparation: clean accurately the wood surface, sand the bare wood (150-180 grit paper). Clean the floor with a Hoover before coating. In case of application on painted surface, use low water soluble colors like **TY M003** to avoid the exaggerate color spreading. After drying of the first coat, sanding with 320 - 400 grit paper in order to reduce fiber swelling and overcoat with the same oil. In case of restoring of already painted surfaces, it is recommended to slightly sand with 400 grit paper, clean and then apply the catalyzed oil.

Application instructions: *by wipe, roller, brush and spray.* Product is ready to use, in summer season can be thinned with AYM450 to improve application and flowing. In case of need of painting colored, small quantities of colorants series **TY M003** or iron oxides can be directly added to **YS---M009** clear version. After 2 - 4 h, manually sanding with 320 - 400 grit paper in order to eliminate the fiber swelling, clean with the Hoover and over coating with the same oil. If required, apply a third coat after after 2-4 h. The use of hardener reduces the leakage of colored substances from rich in tannin or rich in resins woods like as iroko, merbau. It also improves the esthetical result and improves the chemical and abrasion resistance. The use of hardener is strongly recommended in case of application of **YS---M009/--T94**.

General remarks

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, 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 over (washing waters, waters from spray booths, used coatings) must be disposed of according to local regulations. Never dispose residues directly into drains.
- Application tools must be cleaned with water after use. When dry films must be removed, **AY---M460**, special detergent should be used, letting it work overnight and then cleansing with water

What to do ...	Add	% of use	
		%	Grams for 5 liters
Improve flowing	AY M450	2 - 10	100 - 500
To eliminate cissing	AY M457	0,2 - 1	10 - 50