



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

# YS---M300/--NTR

Top Quality protective hybrid hydro-oil for outdoor decking  
Neutral

**Main properties:**

- Top Quality protective with emulsifying oils and waterbased resins, specifically formulated for outdoor wooden decking.
- Once dried, it gives the decking good water-repellent property
- Protective film resistant to trampling, thanks to special additives. Sliding effect reduced
- It contains free radicals catchers to reduce degradating effect of solar radiation on wood and coating
- Particularly suitable for softwood and poor in tannin hardwood. Check is recommended if applied on exotic wood and rich in tannin hard wood.
- It contains broad-spectrum UV absorbers which provides the decking with high resistance properties. It therefore helps reducing maintenance
- Its special hybrid formulation ensure rapidity even if it is an oil based product
- It contains two fungicides that protect film and wood
- Film coating does not flake, but it consumes as an oil. It is possible to renew treatment without re-coating.

**Versions:**

**YS---M300/--NTR** | Neuter base to be necessarily coloured.

<b>Recommended use:</b>	<ul style="list-style-type: none"> <li>• External flooring</li> <li>• Swimming pools edges</li> <li>• Decking</li> </ul>	<ul style="list-style-type: none"> <li>• Verande</li> <li>• Ramps</li> <li>• Platforms</li> </ul>	<ul style="list-style-type: none"> <li>• Covering</li> <li>• Jetty and dock</li> <li>• Outdoor furniture</li> </ul>
<b>Application method:</b>	By brush, roller, spray		
<b>Product preparation:</b>	Product must necessarily be coloured. The natural effect obtained gives the wood a warm colour and work sas a filter for solar radiation, prolonging outdoor life. To colour, use pastes of the series <b>EY M470/Txx</b> . It is possible to add water up to max. 5%. Mix well before use.		

**Chemical-Physical properties at 23°C**

Solid content (%)	24 ± 2
Specific weight (g/cm <sup>3</sup> )	1,03 ± 0,01
Viscosity AFNOR 6 (s)	23 ± 3
gloss	10 ± 3

**Application characteristics**

Recommended n° of coats	Brush, roller	1 – 3 coats
	spray	1 - 2 coats
Recommended application weight (g/m <sup>2</sup> )		min: 60 max: 80
Interval between coats		2 - 3 hours
Spreading rate (m <sup>2</sup> /liters)		12 - 20

**General remarks on the coating system**

Drying at 20°C and UR% between 45 and 65: 80 g/m <sup>2</sup>		Forced drying: 80 g/m <sup>2</sup>	
		Temperature	Time
Dust free	30 minutes	/	/
Handable	60 minutes	/	/
Overcoating	2 - 4 hours	/	/
Stepping time	24-48 hours	/	/
Sandable	n.a.	/	/

**Substrate preparation:** Sanding with 120-150 grit paper. Clean the wood and remove any trace of dust before sanding. To give a preliminary colouring to the decking, apply a coat of waterbased impregnant YM S035. On decking exposed to extreme weather conditions, a coat of waterbased primer YM---M099 (reduces colour changing of the wood) or waterbased primer YM---M101 (in case of high humidity) may be applied.

**Application instructions:** brush: with synthetic fibers or mixed bristle. Roller: sponge or short-pile

**Packaging:** Must be suitable for contact with waterbased coating film. Avoid polystyrol, PVCand corrugated acrdboard.

For further information regarding the use of waterborne products, please refer to the Main Guide

**General remarks**

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, shelf life is 18 months
- On 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	
		%	Gramms for 25 Kg
To reduce drying time	<b>AY---M450</b>	1 - 2	250 - 500
To restore shelf life of used product	<b>AY---M435</b>	0,100	25
Eliminate craters/cissings	<b>AY---M457</b>	0,200 – 1	da 50 a 250