



# YS---C109/-----

## Top Quality Hybrid Hydro-oil for exterior furniture

Renner Italia Spa – Via Ronchi Inferiore, 34 - 40061 MINERBIO (BO)

**Main features of the product**

- Suitable for both hardwood and softwood poor in tannin.
- Good stability in flowcoating and spraying machines
- Contains UV absorbers with broad spectrum of action.
- The coating film self-consumes avoiding peel off and allowing the treatment to be repeated without sanding

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<b>Recommended use:</b>	• Matchboarding for exteriors	• Porch	• Cladding for exterior
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**Application method:** by dipping, Flow-coating, shower, by automatic spray, by brush

**Product Preparation:**  
 The product must be colored. The color obtained gives the wood a warm coloring and at the same time it acts as a filter for the solar radiations, thus increasing the duration outdoor. To color use the iron oxide pastes of the series **EY M470/Txx** or pastes **EY---M690**.  
 Remarks: pastes can form a precipitate, dispersible, on the bottom of the bowl, so be sure to mix the product well before using it.  
 In case it is necessary to remove dirt traces from the product (sawing, incompatible material etc) use a 100 micron filter bag.

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

<b>Solid content (%)</b>	17 ± 2
<b>Specific weight (g/cm³)</b>	1,010 ± 0,030
<b>Viscosity DIN 2 (s)</b>	49 ± 3

**Application Characteristics**

<b>Recommended n° of coats</b>	from 1 to 3 coats
<b>Recommended application weight (g/m²)</b>	min: 50 max: 80
<b>Interval between coats</b>	4 - 48 hours
<b>Spreading rate (m²/litro)</b>	From 12 to 18

**Drying method**

<b>Drying at 23°C and RU% between 45 and 65: 80 g/m² (*)</b>	
Dust free	60 minutes
Handable	120 minutes
Overcoatable	4 - 48 hours
Walking on it after	24 - 48 hours
Sandable	n.a.

(\*) on exotic woods complete drying may require more time

**Substrate preparation:** Sand with 150-180 grit paper. Wood must be well dusted.

**Application instructions**

**Flow-coating:** use diaphragm pump. **Shower:** use only INOX tubs (ex. ASI 301). **Brush:** only synthetic or mixed bristles. **Roller:** short hair sponge.

**Packaging material:** it must be suitable to contact with waterbased coating films. Avoid PVC, wavy cardboards and Styrofoam.

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

**General remarks**

- Mix well before use
- Do not apply if the substrate is wet or during rainy days
- 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 per 25kg
In case of too much foam	<b>AY---M420</b>	0,05	12,5
If the wood stain dries too quickly	<b>AY---M450</b>	1 - 2	From 250 to 500
To restore shelf life of used product	<b>AY---M435</b>	0,100	25
In case of cissings from environmental pollution	<b>AY---M457</b>	0,200 – 1	from 50 to 250