TECHNICAL DATASHEET **Version 00 dated 02/03/2015**

YM---C191/-----

AQUARIS Water-based Primer for exterior - colourless

Renner Italia Spa - Via Ronchi Inferiore, 34 - 40061 MINERBIO (BO)-Tel +39.0516618211-Fax +39.0516606312; www.renneritalia.com

Main properties:

- Excellent impregnating properties thanks its formula containing an innovative oil.
- Low fibre swelling, improves brushing
- It improves the dimensional stability of the wood (it reduces the retreatment and the wood swellings)
- Good harmonizing power still keeping bright the shades of the stains

Versions:

YM---C191/-----	Colourless

Recommended use:	• Windows • Shutters • Entrance doors	• Garden furniture • Gazebo • Balconies	• Roof beams • Matchboard and cladding • Fences
Application method:	Flow-coating, dipping basin, brush and roller		
Product preparation:	Ready to use. If dirty traces in the product need to be removed (sawdust, incompatible material), use a 75 micron filter.		

Chemical-physical properties at 23°C

Solids content (%)	5 ± 1
Specific gravity (g/cm^3)	1,010 ± 0,030
Viscosity DIN 2 (s)	48 ± 2
pH	7,0 to 8,0

Application properties

Recommended N° of coats	1
Recommended quantity per coat	min: 30 g/m^2 max: 50 g/m^2
Spreading rate (m^2/litre)	12 to 18

General remark on coating system

Drying at 23°C and RH% between 45 and 65: 65 g/m^2	
Overcoating	2 to 4 hours

Preparazione del substrato: The wood has to be well dried (12-14% humidity). Clean well the surface removing all traces of grease, waxes and resins. Bare wood should be sanded with 150 grit paper.

Application instructions: By brush: use brushes synthetic fibers or mixed bristle. Flow-coating: use diaphragm pump. Dipping tanks: use only stainless steel tanks (AISI 304).

Possible sanding:	Manual: ● (220-240)	Orbital:	Automatic:	Brushing machine: ● (220-240)

SOvercoating: With exterior waterborne products of the series AQUARIS among which: wood stain, intermediates, basecoats by spray and clear and pigmented topcoats.

For further information and coating systems with our range 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
- It cannot be applied at temperatures below 15°C; cold weather applications could negatively affect chemical and mechanical characteristics.
- Coating left overs (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.

DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. HOWEVER THE RESPONSIBILITY OF FINAL RESULTS OF COATING SYSTEM RESTS ENTIRELY WITH THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT IS IN COMPLIANCE WITH THE REQUIREMENT OF THE APPLICATION SYSTEM, THE SUBSTRATES USED AND THE WORKING CONDITIONS.