



AquesPrime Exterior White Primer

650-WVN-099

AquesPrime Exterior White Primer is a water-based white primer designed for wooden outdoor furniture that can be cured under ambient conditions, or may be forced cured in a production environment using an oven with hot air movement.

- Very low VOC and odor
- Good hiding, fast dry and good sanding ability
- Excellent yellowing resistance and moisture frost test resistance
- Excellent chemical resistance to a wide range of household chemicals
- Free from APEO, heavy metals and formaldehyde

TECHNICAL DATA:

Main components	Acrylated hybrid polymer
Type	Water-based
Code Number	650-WVN-099
Color	White
Flash Point	> 100°C
Specific Gravity	1.39 ± 0.05
Solids By Weight	54.98 ± 2.00%
pH	8.0 – 9.0
Pot life	Approx. 4.0 hours
Virgin Viscosity	80 – 90 KU by Stormer at 25°C.
Mixing Ratio	100 parts by weight of this AquesPrime 5 parts by weight of AquesLink 649-JVN-021 5-10 parts by weight of clean water to get viscosity around 30-35 seconds Iwata NK2@30C.
Dry schedule	10-15 minutes air flashed followed by 30-40 minutes oven at 40-50°C (Board surface temperature) and 10-15 minutes cool to sand (weather condition, air ventilation and humidity would effect to dry condition)
Storage temperature	5 - 35°C
Relative humidity	Optimum range 40-75%



Application	Use stainless steel spray gun
Retarder Reducer	Use PG 50-XVN-2139 at 1-2% if RH < 40%
Directions For Use	The AquesPrime is to be <u>STIRRED WELL</u> before use.
Shelf Life	6 months in sealed container under shelter
Note	<ul style="list-style-type: none">* Film build for the entire finishing system including repairs should not exceed 4 dry mils.* Always ensure correct fluid and air pressures are used when spraying this product as well as correct spray tip and fan size. Incorrect setting may effect the final appearance of product.
Clean-up	Water
Handling caution	Please review MSDS before handling this product
Disposal note	Only residue emptied cans can be disposed via recycling. Liquid wastes must be disposed of according to national regulations.

2018-Jun-22 V1

All information in this technical data sheets are based on our present knowledge derived from products test and history. It may vary in different situations. Actual dilution rates and viscosities may vary due to specific customer requirements or application processes. Please contact the Technical Department for more clarifications.