

Giraffe New Aquatimber Waterborne Wood Topcoating

Update: 15/9/2011

PRODUCT SPECIFICATION

PRODUCT NUMBER	SPA-212/ 213/ 215/ 222/ 223/ 225
PRODUCT NAME	Giraffe New Aquatimber Waterborne Wood Topcoating

INTRODUCTION

RECOMMENDED USES	For coating interior wood surfaces.
PRODUCT DESCRIPTION	<p>It is a one component water wood coating, which gives good decoration and protection to wood products.</p> <ul style="list-style-type: none"> • Good film build and hand feel • Good water and dirt resistance • High solid content • Free from TDI and harmful solvents, such as benzene • Comply with Water Based Wood Coating Safety Standard of Indoor Decorating and Refurbishing Materials GB24410-2009. <ul style="list-style-type: none"> • Excellent adhesion • Good chemical and yellowing resistance • Little odour, Low VOC

TECHNICAL DATA

VEHICLE	Acrylic Copolymer			
COLOUR	Clear(SPA-212, 213, 215)/ White (SPA-222, 223, 255: Other colours on request)			
FINISH	Gloss/ Semi-gloss/ Matt			
VOLUME SOLIDS	Approx. 32-40%			
TYPICAL DRY FILM THICKNESS	25 microns			
CALCULATED COVERAGE	* 13-16 sq. m/ L/ 1 coat (At 25 microns)			
DRYING TIME AT 25° C & 70% RH	Touch Dry	Tack Free	Hard Dry	Overcoating
	30 mins	4 hours	7 days	Min. - 2-3 hours Max. - Indefinite

* Based on theoretical consumption; factors such as paint colour, application methods, surrounding environment and substrate conditions will affect the actual consumption.

STANDARD PACKING

1 kg Tin	2.5 kg Tin	
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Giraffe New Aquatimber Waterborne Wood Topcoating SPA Series

SURFACE PREPARATION


WOOD SURFACES	<ul style="list-style-type: none"> • Surface must be stable, clean, dry, free from grease and contaminants before application. • Rub down with #320 abrasive paper to give satisfactory smoothness. • Use the Giraffe Waterborne Wood Clear Putty to fill up the rough wood surface.
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COMPLEMENTING PRODUCTS

	PRIMER
WOOD SURFACES	Giraffe New Aquatimber Waterborne Wood Primers SPA Series

APPLICATION

APPLICATION METHOD	Brush or Conventional Spray (better effect)
REDUCTION RATIO BY VOLUME	Dilute with 5-20% of water
REDUCTION/ CLEANSING SOLVENT	Water

OTHER CONSIDERATIONS 	<ul style="list-style-type: none"> • Stir well after diluting with water. Filter with 200 mesh filter. Leave for 3-5 minutes until all foams disappeared. • Moisture content of wood should be $\leq 15\%$ for proper curing of the paint. • Do not use waterborne wood topcoat to coat NC and PU oil-based wood primers to avoid intercoat adhesion problems. • For refurbishment of NC and PU paint, waterborne wood topcoat can be used after sanding adequately. But the effect depends on actual conditions during application. • Do not use NC and PU oil-based paint to coat waterborne wood topcoat, in order to avoid that the waterborne film may be dissolved. • It's recommended to use the fibre brush designed for water-based wood coating. • For proper curing of paint, the surface temperature should be 8°C or above and the relative humidity should not exceed 80%. • Brush thin, light and evenly in the grain direction only. Maximum 30 microns dry film thickness (d.f.t.) per coat is highly recommended, total d.f.t. should not exceed 200 microns. • Avoid any contact with water and also water sanding before the film is completely dry. If it exceeds the self-recoating time and film is too dry, sand the coating surface before brush. • No waxing, pressing and scrubbing during the maintaining period, normally 7 days. In case of thick film, low temperature and high humidity, maintaining period should be extended. • Wash all equipments with water promptly after application. • Close the lid tightly after use and store at a cool, dry place (4-35°C).
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HEALTH & SAFETY PRECAUTIONS 	<ul style="list-style-type: none"> • Provide adequate ventilation during paint application. • Wear fume masks and protective clothings to avoid skin contact or inhalation of spray mist. • If the product comes in contact with the skin, wash thoroughly with luke warm water, and soap or suitable cleanser. • If the eyes are contaminated, flush with water or diluted boric acid solution for minimum 10 minutes and obtain medical attention at once. • Keep out of reach of children.
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* Type of Regulation Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong : P10-01 (Clear)/ P08-14 (Pigment)
VOC content (ready to use) ≤ 550 (Clear)/ 275 (Pigment)g/L

The information given in this sheet is for guidance only and no warranty is provided. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage arising out of such use.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development. It is the user's responsibility to check this sheet is current prior to using the product.



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