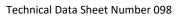
VITRECURE 6

UV Cure Wood Sealer





PRODUCT DESCRIPTION				
TRODUCT DESCRIPTION	A & I Coatings VITRECURE 6 is a high cure speed UV Cure Sealer for very porous timbers such as balsa. It is sandable and readily receives most top coats. VC6 provides an excellent bond surface for polyester or epoxy resins as has been proven by our research and major industry validation. VC6N is the reduced resin uptake version.			
USES & BENEFITS	Balsa wood for inclusion in composite applications			
	Benefits 1. Low monomer content 2. Low porous substrate absorption 3. Fast cure 4. Low odour 5. Excellent sealing properties for balsa wood		Limitations 1. In cold temperatures, VC6 may need to be heated or warmed up to achieve right application viscosity	
PHYSICAL PROPERTIES				
	Vehicle Type	UV Curable Acrylic		
	Finish	Gloss		
	Colour	Clear		
	Theoretical Coverage	50m²/L@20μm		
	Volume Solids	100%		
	Recommended DFT	10gsm to 25gsm		
	Usual No. of Coats	1 coat		
	VOC Content	<5 grams/ Litre		
	Product Weight	1.14Kg/ Litre		
	Dry Time	Cures in less than a second under UV lights		
	Recoat Time	Sanding is necessary before recoating		
	Cure Speed	Up to 10m/ Min.		
	Lamps	1 x 80w/cm MPHg (medium Pressure Mercury Vapour) Lamps. Minimum UV dosage to be >0.55joules/cm2		
ENGINEERING DATA			·	
ENGINEERING DATA	Abrasion Resistance	Good		
	Bacterial Resistance	Good		
	Flexibility	Adequate for all normal applications		
	Chemical Resistance			
	Solvent Resistance			
	Heat Resistance	Excellent 120°C		
	Durability	Good		
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ADDLICATION DATA			
APPLICATION DATA	Application	Roller coater.	
	Cleaning	Acetone or Ethyl Acetate.	
	Thinning	No thinning required.	
	Typical Specification	Wood coating: Roller apply 15μm on timber Cure 10m/min. 1 x MPHg Lamp C80W/cm).	
SURFACE PREPARATION	All Surfaces	Ensure surface is free of grease or other contaminations. Porous surface may help for the coating to achieve better adhesion.	
WORK STOPPAGES	General	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with A & I Coatings recommended cleaner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.	
	Clean Up	Clean all equipment after use with A & I Coatings recommended cleaner. It is good work practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including and delays.	
PACKING & STORAGE	Packing	Available in 21kg pails. For availability of other sizes, contact A & I Coatings.	
	Storage	12 months if stored in sealed containers away from heat and moisture. Subject to re-inspection thereafter.	
HEALTH & SAFETY	All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for Vitrecure 6. Users should familiarise themselves with all the safety aspects of the product prior to usage. Please ensure the current Technical Data Sheet is consulted prior to specification or application of A & I Coatings products. If the surface intended to be painted differs from the specification, please consult the A & I Coatings Technical team on 1800 819 585.		

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation. Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on onsite conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation. DISCLAIMER Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. For additional information, phone our Customer Service Centre on 1800 819 585, or e-mail https://newsalcoatings.com Visit our website for more products: www.aicoatings.com

May 2019 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.