

VITRECURE 32

UV Cured Wood Lacquer

Technical Data Sheet Number 121



PRODUCT DESCRIPTION	A & I Coatings VITRECURE 32 is a UV cured top coat that can be applied for durable decorative finishes on timber floors, veneered panelling and other softwoods. This is essentially a shop-applied coating that has been developed to withstand the wear and tear of heavy foot traffic.																											
USES & BENEFITS	<ul style="list-style-type: none">• Interior Timber Flooring• High Abrasion Resistance Finish for timber veneer																											
	<u>Benefits</u> <ol style="list-style-type: none">1. Cleans easily2. Very tough with good abrasion resistance3. Least yellowing4. Low odour, environmentally friendly in application (Solvent Free)5. Chemical and stain resistant	<u>Limitations</u> <ol style="list-style-type: none">1. In cold temperatures, VC32 may need to be heated or warmed up to achieve right application viscosity2. Recommended for interior applications only																										
PHYSICAL PROPERTIES	<table border="1"><tr><td>Vehicle Type</td><td>UV Curable Acrylic</td></tr><tr><td>Finish</td><td>Gloss, Satin or Matt</td></tr><tr><td>Colour</td><td>Clear</td></tr><tr><td>Theoretical Coverage</td><td>80m²/L@12µm DFT</td></tr><tr><td>Volume Solids</td><td>100%</td></tr><tr><td>Recommended DFT</td><td>12 gsm wet</td></tr><tr><td>Usual No. of Coats</td><td>1 coat</td></tr><tr><td>VOC Content</td><td><5 grams/ Litre</td></tr><tr><td>Product Weight</td><td>1.14Kg/ Litre</td></tr><tr><td>Dry Time</td><td>Cures in less than a second under UV lights</td></tr><tr><td>Recoat Time Min.</td><td>Sanding is necessary before recoating</td></tr><tr><td>Cure Speed</td><td>10 – 15 m² / min</td></tr><tr><td>Lamp</td><td>2MpHg lamps at 80W/cm</td></tr></table>		Vehicle Type	UV Curable Acrylic	Finish	Gloss, Satin or Matt	Colour	Clear	Theoretical Coverage	80m ² /L@12µm DFT	Volume Solids	100%	Recommended DFT	12 gsm wet	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 Min.	Sanding is necessary before recoating	Cure Speed	10 – 15 m ² / min	Lamp	2MpHg lamps at 80W/cm
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APPLICATION DATA	Application	In line Roller coater.
	Cleaning	Acetone or Ethyl Acetate.
	Thinning	No thinning required.
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.
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	<p>All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for Vitrecure 32. Users should familiarise themselves with all the safety aspects of the product prior to usage.</p> <p>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.</p>	

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 helpdesk@aicoatings.com Visit our website for more products: www.aicoatings.com

May 2019 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.