

UV Cured Wood Lacquer

VITRECURE 32

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.

TYPICAL APPLICATIONS:

- Interior Timber Flooring.
- High Abrasion Resistance Finish for timber veneer.

TECHNICAL INFORMATION

Vehicle Type	: UV Curable Acrylic.
Finish	: Gloss, Satin or Matt.
Colour	: Clear.
Dry time	: Cures in less than a second under UV lights.
Recoat time (minimum)	: Sanding is necessary before recoating.
Theoretical Coverage	: 80m ² /L@12µm DFT.
Volume Solids	: 100%.
Recommended DFT	: 12 gsm wet.
Usual no. of coats	: 1 coat.
Flexibility	: Adequate for all normal applications.
Abrasion Resistance	: Excellent.
Bacterial Resistance	: Good.
Chemical Resistance	: Excellent.
Solvent Resistance	: Excellent.
Thinning and cleaning	: No thinning required. Clean with Acetone or Ethyl acetate.
Durability	: Good.
Product weight	: 1.14Kg/ Litre.
VOC Content	: <5 grams/ Litre.
Cure Speed	: 10 – 15 m ² / min
Lamp	: 2MpHg lamps at 80W/cm.

MERITS:

1. Cleans easily
2. Very tough with good abrasion resistance.
3. Least yellowing.
4. Low odour, environmentally friendly in application (Solvent Free).
5. Chemical and stain resistant

LIMITATIONS:

1. In cold temperatures, VC32 may need to be heated or warmed up to achieve right application viscosity.
2. Recommended for interior applications only

APPLICATION DATA

Equipment : In line Roller coater

Cleaning : Acetone or Ethyl Acetate.

SURFACE PREPARATION:

Ensure surface is free of grease or other contaminations. Porous surface may help for the coating to achieve better adhesion.

WORK STOPPAGES : 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 AND 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 32. Users should familiarise themselves with all the safety accepts 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 site 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**.

JUNE 2012 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.