

WOODCARE ULTRA VARNISH

PRODUCT CODE: X 33 & X 44

TECHNICAL DATA SHEET NO: PL-66-A

DATE: NOVEMBER 2012

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A single pack polyurethane varnish suitable for a wide range of interior woodwork applications.													
Intended Uses	<ul style="list-style-type: none"> Ideal for use on most wood surfaces, e.g. furniture, cupboards, skirting's, counters etc. 													
Features & Benefits	<ul style="list-style-type: none"> Provides a tough professional clear finish which has excellent mar-resistance. It is resistant to alcohol, household beverages and chemicals, moisture and even hot dishes. Available in both gloss and suede finishes and has proved itself over the years as a product that protects the natural beauty of wood. Surfaces may be stained with WOODCARE WOOD STAIN (W range) before application of ULTRA VARNISH (X 33&44). 													
Product Information	Appearance Colour Solids Recommended DFT Viscosity at 23 °C S G at 23 °C Flash Point Theoretical spreading rate Practical spreading rate	Gloss(X 33), Suede (X 44) Clear Approx. 51 % by mass (typical); 45 % by volume Min.: 15 µm Max.: 30 µm 62 KU (typical) 0,91 kg / ℓ (typical) 38 °C 15 m ² /ℓ per coat at 20 µm DFT. This serves as a guide only. The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
Application Details	Mixing Substrate Method Thinner Cleaning Application Environment Drying time	Stir thoroughly with a flat paddle until homogeneous. Well prepared wood surface. Brush or conventional spray. MINERAL TURPENTINE (AZH 1) MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER <table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 2 °C min. above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85 %</td> </tr> </tbody> </table> Touch dry 2 h at 23 °C Dry to handle 24 h at 23 °C Overcoating 6 h at 23 °C	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
Surface Temperature	Ambient Temperature	Relative Humidity												
Min: 10 °C	Min: 10 °C	Min: 10%												
or 2 °C min. above dew point														
Max: 40 °C	Max: 40 °C	Max: 85 %												
Storage & Packaging	Store away from direct sun, heat, sparks and severe cold. Packaging: 1 ℓ and 5 ℓ.													

WOODCARE ULTRA VARNISH

PRODUCT CODE: X 33 & X 44

TECHNICAL DATA SHEET NO: PL-66-A

Surface Preparation	<p>All wood surfaces must be clean, firm and dry. Remove any oil, grease, mortar droppings, etc.</p> <ol style="list-style-type: none"> 1. NEW WOOD: Sand in the direction of the grain, to a smooth finish with 150 grit paper. Remove dust with a damp cloth. 2. PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to a matt finish to create a key. Remove dust with a damp cloth. 3. PREVIOUSLY VARNISHED WOOD IN POOR CONDITION: Strip completely by deep sanding or by using WOODCARE COATING REMOVER FOR WOOD (WCR 1). Rinse thoroughly with clean water. Deep sand to until there is no evidence of any residue. Remove dust with a damp cloth. 4. WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE: Mechanically sand until there is no evidence of residue. Remove dust with a damp cloth. 5. PREVIOUSLY PAINTED WOOD: Strip old paint by deep sanding or by using WOODCARE COATING REMOVER FOR WOOD (WCR 1). Rinse thoroughly with clean water. Sand bare wood to a smooth finish. Remove dust with a damp cloth. 6. DISCOLOURED OR WEATHERED WOOD: Remove discoloured or weathered layer by sanding with 100 grit paper or by using WOODCARE WEATHERED WOOD RESTORER (WCR 3) followed with REMOVAL SIMPLE WASH (RWS 80). Rinse thoroughly with clean water. Sand to a smooth finish. Remove dust with a damp cloth. 7. KNOTS IN WOOD: Apply WOODCARE KNOT SEAL (PK 2). 8. FILLER: If required use POLYCELL WOODFILLER. Sand smooth.
Application	<ul style="list-style-type: none"> • Thin first coat in the ratio 3 parts VARNISH to 1 part MINERAL TURPENTINE (AZH 1) by volume. Apply by brush. Allow to dry for 6 hours. • For spray application thin as required, approx 10%. • Successive coats should be applied as is but may be thinned up to 10 parts VARNISH to 1 part MINERAL TURPENTINE (AZH 1) by volume to ease application. • Apply at least 3 coats to new wood. • Sand lightly between coats with fine paper to denib. Dust off. This removes upstanding wood fibre ends and dust particles which could act as wicks to draw moisture in behind the film and shorten the life of the coating.
Caution	<ul style="list-style-type: none"> • Do not apply in a dusty environment.
Safety Precautions	<ul style="list-style-type: none"> • Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. • Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. • Harmful if swallowed. Seek medical attention and do not induce vomiting. • Do not smoke while painting. • Flammable. Store in a cool dry place away from heat and sparks. • Refer to Material Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

KANSAI PLASCON (PTY) LIMITED

CAPE TOWN:

P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:

Private Bag X16
Mobeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

GAUTENG:

P.O. Box 4010
Luipaardsvlei 1743
Tel: (011) 951-4500
Fax: (011) 955-2841

PORT ELIZABETH:

P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60