



WOODCARE CLEAR VARNISH

TECHNICAL DATA SHEET NO.: A-35-F
DATE: OCTOBER 2004

PRODUCT CODE: CVE 5 THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	<ul style="list-style-type: none"> A clear tough durable modified alkyd coating with high resistance to humid conditions specifically formulated for interior and exterior use in coastal and humid conditions. 		
Intended Uses	<ul style="list-style-type: none"> Ideal for all woodwork in boats and yachts (cabins, bilges, decks, railings), saunas and other high humidity areas. Also suitable as a general purpose varnish for interior and exterior woodwork. 		
Product Information	Appearance	Gloss	
	Colour	Clear	
	Solids	Approx. 60 % by mass; 52 % by volume	
	Recommended DFT	Min.: 15 µm	Max.: 30 µm
	Theoretical spreading rate	17 m ² /ℓ at 30 µm DFT	
	Typical spreading rate	Please apply appropriate correcting factors	
	Viscosity at 23 °C	60 KU (typical)	
	S G at 23 °C	0,90 kg / ℓ (typical)	
	Flash Point	36 °C	
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.	
	Substrate	Well prepared wood surface.	
	Method	Brush or conventional spray.	
	Thinner	MINERAL TURPENTINE (AZH 1) (see Application)	
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 5 °C
		or 2 °C min. above dew point	
		Max.: 40 °C	Max.: 40 °C
			Relative Humidity
			Max.: 85 %
	Drying time	Touch dry	6 h at 23 °C
		Recoating	16 h at 23 °C
		Dry to handle	16 h at 23 °C
Storage and Packaging	Store away from direct sun, heat and severe cold.		
	Packaging:	500 mℓ, 1ℓ and 5ℓ.	
Transportation	This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).		

WOODCARE CLEAR VARNISH

Surface Preparation	<ul style="list-style-type: none"> All surfaces must be clean, dry and sound. Remove any oil, grease, mortar droppings, etc. <ol style="list-style-type: none"> NEW WORK <ul style="list-style-type: none"> Sand wood to a smooth finish with 150 grit paper, working in the direction of the grain. Dust off. Ensure that sharp edges are well rounded. PREVIOUSLY VARNISHED SURFACES <ul style="list-style-type: none"> If in a good condition and compatible with CLEAR VARNISH, sand to a matt finish. Scrape out decayed wood, sand back to a sound surface and fill. PREVIOUSLY TREATED WITH OIL OR PENETRATING WOOD PRESERVATIVES <ul style="list-style-type: none"> Refer to our Technical Services Department. STOPPING <ul style="list-style-type: none"> If required, use POLYCELL MENDALL 90 ALL PURPOSE ADHESIVE FILLER tinted with iron oxides to match the colour of the wood. Allow to dry for 24 hours and sand smooth. <p>N.B. To ensure adequate ventilation around woodwork, fix large wood features to brandering and not directly to the wall where damp may be trapped.</p>
Application	<ul style="list-style-type: none"> Do not apply in a dusty environment. Thin first coat in the ratio 3 parts CLEAR VARNISH to 1 part MINERAL TURPENTINE (AZH 1) by volume. Apply by brush or spray. Allow to dry for 16 hours. Apply successive coats unthinned by brush. For spray application thin with a minimum amount of MINERAL TURPENTINE (AZH 1). Apply at least 3 coats to new wood. Sand lightly between coats with fine paper to denib. Dust off. When coating exterior wood special attention must be given to the adequate sealing and coating of the end grain.
Caution	<ul style="list-style-type: none"> Although CLEAR VARNISH EXTERIOR has high resistance to humidity it must not be applied to damp surfaces.
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.

BARLOWORLD PLASCON SOUTH AFRICA (PTY) LIMITED

CAPE TOWN:

P O Box 42
Eppindust 7475
Tel: (021) 534-6151
Fax: (021) 534-3791

DURBAN:

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

MOGALE CITY

(KRUGERSDORP):
Private Bag X4010
Kenmare 1745
Tel: (011) 951-4500
Fax: (011) 955-4136

PORT ELIZABETH:

P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 434-606