

PLASCOTHANE WOODFINISH POLYURETHANE

PRODUCT CODE: UPF 1520 & 1550

TECHNICAL DATA SHEET

For interior and exterior furniture, office furniture and kitchen and bar counter tops	Product Description	UPF 1520 & 1550 are dual pack polyurethane acrylic finishes.				
Good durability	Intended Uses	 For interior and exterior fur 	niture, office furniture and k	itchen and bar counter	tops	
Good chemical resistance with good colour retention Quick drying - touch dry in 30 min Non-yellowing Good mar resistance	Features & Benefits	, .				
Quick drying - touch dry in 30 min Non-yellowing						
Product Information Appearance Colours Colour		Good chemical resistance with good colour retention				
Product Information Appearance Colours White (UPF 1520) Black (UPF 1550) Generic type Acrylic Solids Approx. 37-40 % by volume S G at 239°C Recommended DFT Spread rate Viscosity at 23 °C Flash Point Pot-life Ovc S 37.6 gH, (UPF 1520), 534.9 g/L, (UPF 1550) Application Details Mixing Method Application Environment Thinning Cleaning Drying time Application Environment Fusion Packaging Application Environment Fusion Packaging Store away from direct sun, heat and severe cold. Fusion Packaging Store Apart Rate Viscosity at 23 °C PACS 00 105-115 sec FC4 Flash Point 23 °C Pot-life 61. @ 23 °C Pot-life 65. @ 23 °C Pot-life 66. @ 23 °C Pot-life 67. @ 23 °C Pot-life 68. @ 23 °C Pot-life 69. @ 23 °C Pot-life 69. @ 23 °C Pot-life 60. @ 23 °C Pot-life 61. @ 23 °C Pot-life 62. Sar factor at 15 solows: All Assisted Alress or a pressure pot system. The recommended air pressures are as follows: All Assisted Alress Pressure pot a pressure pot system. The recommended air pressures 1.5 · 2 bar Atomising air pressure 1. 1.5 bar Pot-sure Pot-Rerssure pot pressure 1. 1.5 bar Pot-sure Pot-Rerssure pot pressure 1. 1.5 bar Pot-sure Pot-Rerssure pot pay application equipment. Nozzle sizes 1.4 · 1.8 mm PLASCON UNIVERSAL REDUCER (PUR.1) for thinning to a spraying viscosity of approx. 18 seconds at 23 °C in Ford Cup No. 4. PLASCON UNIVERSAL REDUCER (PUR.1) or LACQUER THINNER (ILIS.1) Dry to handle: 4 h @ 23 °C Full cure: 7 days @ 23 °C Full cu		Quick drying - touch dry in 30 min				
Product Information		 Non-yellowing 				
Colours Generic type Acrylic Solids Approx. 37-40 % by volume Approx. 37-40 % by volume Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Recommended DFT Recommended WFT Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Becommended WFT Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,02 – 1,02 mp er coat Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,02 – 1,02 mp er coat Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,02 – 1,02 mp er coat Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,02 – 1,02 mp er coat Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1520) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1520) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1520) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1520) Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1520		 Good mar resistance 				
Generic type Solids Approx. 37-40 % by volume \$ 6 at 23°C Recommended DFT Recommended DFT Recommended WFT \$ 65 - 104 µm per coat \$ 5 pread rate Viscosity at 23°C Flash Point Pot-life On - 120g/m² per coat Application Details Mixing Method Application Details Mixing Method Thinning Thinning Cleaning Drying time Application Environment Application Environment Application Environment Store away from direct sun, heat and severe cold. Store away from direct sun, heat and severe cold. Approx. 37-40 % by volume Approx. 37-40 % by volume Conventional pray, air action System Application Petails Activities and Application Application equipment. Nozzle sizes 1.4 - 1.8mm PLASCON UNIVERSAL REDUCER (PUR 1) for thinning to a spraying viscosity of approx. 18 seconds at 23°C in ford Cup No. 4. PLASCON UNIVERSAL REDUCER (PUR 1) for Lincolney Humidity Min: 10°C Min: 10	Product Information	Appearance	Full gloss			
Solids Approx. 37-40 % by volume S G at 23°C Approx. 1,01-1,2 kg/L (UPF 1520) and 0,94 – 0,98 kg/L (UPF 1550) Recommended DFT 25 – 40 µm per coat Spread rate 100 – 120g/m² per coat Viscosity at 23 °C 105 - 115 sec FC4 Flash Point 23 °C Pot-life 6h. @ 23 °C VOC 537.6 g/L (UPF 1520), 534.9 g/L (UPF 1550) Application Details Mixing Stir thoroughly with a flat paddle until homogeneous. Mix in ratio supplied. 4 parts BAS: Part CATALYST (KAT 400) by volume Conventional spray, air assisted airless or a pressure pot system. The recommended air pressure are as follows: Air Assisted Airless: Pot pressure 1 - 1.5 bar Pressure Pot: Pressure 1 - 1.5 bar Atomising air pressure 1 - 1.5 bar Pressure Pot: Pressure 1 - 1.5 bar Atomising air pressure 1.5 bar Use only stainless-steel spray application equipment. Nozzle sizes 1.4 – 1.8 seconds at 23 °C in Ford Cup No. 4. PLASCON UNIVERSAL REDUCER (PUR 1) for thinning to a spraying viscosity of approx. 18 seconds at 23 °C in Ford Cup No. 4. PLASCON UNIVERSAL REDUCER (PUR 1) or LACQUER THINNER (ILS 1) Touch dry: 30 min. 23 °C (50% Relative Humidity) Dry to handle: 4 h @ 23 °C Full cure: 7 days @ 23 °C Full cure: 7 days @ 23 °C Surface Ambient Relative Temperature Humidity Min: 10 °C Max: 85% Storage & Packaging Store away from direct sun, heat and severe cold.		Colours	White (UPF 1520) Black (UPF 1550)			
S G at 23°C Recommended DFT Recommended WFT Spread rate 100 – 120g/m² per coat Viscosity at 23 °C Flash Point 23 °C Pot-life 6 h. @ 23 °C VOC 537.6 g/L (UPF 1520), 534.9 g/L (UPF 1550) Application Details Mixing Stir thoroughly with a flat paddle until homogeneous. Mix in ratio supplied. 4 parts BASE: 1 Part CATALYST (KAT 400) by volume Conventional spray, air assisted airless or a pressure pot system. The recommended air pressures are as follows: Air Assisted Airless: Perssure pot pressure 1 · 1.5 bar Atomising air pressure 1 · 1.5		Generic type	Acrylic			
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Viscosity at 23 °C Flash Point Pot-life Surface Pot-life		Recommended WFT	65 – 104 μm per coat			
Flash Point Pot-life		Spread rate	$100 - 120g/m^2$ per coat			
Pot-life VOC 537.6 g/L (UPF 1520), 534.9 g/L (UPF 1550) Application Details Mixing Stir thoroughly with a flat paddle until homogeneous. Mix in ratio supplied. 4 parts BASE: 1 Part CATALYST (KAT 400) by volume Conventional spray, air assisted airless or a pressure pot system. The recommended air pressures are as follows: - Air Assisted Airless: Pump pressure 1.5 - 2 bar Atomising air pressure 1.5 - 1.5 bar Pressure Pot: Pressure pot pressure 1 - 1.5 bar Atomising air pressure 1.5 har Vise only stainless-steel spray application equipment. Nozzle sizes 1.4 - 1.8mm PLASCON UNIVERSAL REDUCER (PUR 1) for thinning to a spraying viscosity of approx. 18 seconds at 23 °C in Ford Cup No. 4. PLASCON UNIVERSAL REDUCER (PUR 1) or LACQUER THINNER (ILS 1) Touch dry: 30 min. @ 23 °C (50% Relative Humidity) Dry to handle: 4 h @ 23 °C Full cure: 7 days @ 23 °C Application Environment Surface Ambient Temperature Temperature Temperature Humidity Min: 10 °C Min: 10 °C Min: 10 °C Min: 10 °C Max: 40 °C Max: 40 °C Max: 85% Storage & Packaging Store away from direct sun, heat and severe cold.		Viscosity at 23 °C	105 -115 sec FC4			
Application Details Mixing Method M		Flash Point	23 °C			
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Thinning PLASCON UNIVERSAL REDUCER (PUR 1) for thinning to a spraying viscosity of approx. 18 seconds at 23 °C in Ford Cup No. 4. Cleaning PLASCON UNIVERSAL REDUCER (PUR 1) or LACQUER THINNER (ILS 1) Touch dry: 30 min. @ 23 °C (50% Relative Humidity) Dry to handle: 4 h @ 23 °C Full cure: 7 days @ 23 °C Surface Ambient Relative Temperature Temperature Humidity Min: 10 °C Min: 10 °C Min: 10% Or 3 °C min above dew point Max: 40 °C Max: 40 °C Max: 85% Storage & Packaging Storage & Packaging						
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Temperature Temperature Humidity Min: 10 °C Min: 10 °C Min: 10% Or 3 °C min above dew point Max: 40 °C Max: 40 °C Max: 85% Storage & Packaging Store away from direct sun, heat and severe cold.			Surface	Amhient	Relative	
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PLASCOTHANE WOODFINISH POLYURETHANE

PRODUCT CODE: UPF 1520 & 1550

Surface	Surface must be dry, clean and free of contaminants		
Preparation	Sand to a smooth surface, free of loose fibres		
	 Sand substrate with 150 – 180 grit sand paper to a smooth finish 		
	Remove all dust prior to the application of the coating.		
Application	• If application equipment was used previously for water-based product, ensure all the equipment is washed with water then alcohol followed by solvent (ILS 1)		
	Allow the coating to dry as specified		
	 Sand with 320 – 400 grit sand paper. 		
	Remove all sanding dust prior to further application		
Cautions	Do not apply directly to acrylic lacquers and synthetic alkyd enamels		
Safety Precautions	 Keep out of reach of children. Ensure good ventilation during application and drying. Do not pour paint down the drain. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical 		
	 advice if symptoms persist. Do not smoke while painting Harmful if swallowed. Do not induce vomiting. Seek medical attention. Refer to 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.

NB: 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.

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