

General Purpose Undercoat

Product Description	A high quality alkyd undercoat and wood primer for interior and exterior use.			
Features & Use	<ul style="list-style-type: none"> • An ideal basecoat for decorative gloss finishing systems • Use a primer on bare wood, providing both sealing and filling properties • Use as an undercoat on timber, metal, plaster and concrete • Good gloss hold-out and opacity • Excellent adhesion and flow-out 			
Approvals/ Certification	Conforms to Category (d) of Directive 2004/42/EC which carries a VOC limit of 300g/l			
Finish	Matt			
Volume Solids	50 ± 2% (varies with colour)			
VOC Content	295 ± 20 g/litre (varies with colour)			
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Typical	35 µm	70 µm	14.2 m ² /litre
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated				
Drying Times	Applied to 35 microns DFT	+10°C	+23°C	+35°C
	Dust Free		2½ hr	1 hr
	Hard Dry		6 hr	4 hr
	Overcoating	Minimum	18 hr	16 hr
Maximum		Indefinite if surface is clean and sound*		
* See Product Notes Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
Colours	White, Black and limited range			
Product Code	03GPU-			
SG	1.42 kg/lit (varies with colour)			
Storage Conditions	Store in dry, cool conditions and protect from frost			
Shelf Life	Minimum 12 months if stored as above in unopened containers			
Flash Point	23-60°C			

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<p>Surface Preparation</p>	<ul style="list-style-type: none"> All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, dust or other contamination Wood: must be free from mildew, mould growth etc. Fill all holes with a suitable filler and sand smooth. All knots must be sealed with a suitable knotting solution such as Stokes Knotting Ref. PL020. Bare metal areas including nail heads must be primed with an appropriate metal primer Previously painted surfaces should be rubbed down to ensure good adhesion to the old paint work 								
<p>Mixing</p>	<p>Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.</p>								
<p>Thinner / Cleaner</p>	<p>Axalta Thinner TH400 (formerly called No.3 Thinner)</p>								
<p>Application Conditions</p>	<p>Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the substrate temperature should remain at least 3°C above the dew point. Paint temperature should ideally be at a minimum of 15°C.</p>								
<p>Application Methods</p>	<p>Method</p>	<p>Airless Spray</p>	<p>Conventional Spray</p>	<p>Brush</p>	<p>Roller</p>				
	<table border="1"> <tr> <td></td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> </table> <ul style="list-style-type: none"> Application by brush/roller is recommended, use as supplied Airless Spray: output fluid pressure at tip 1800-2200 psi min., tip size 11-17 thou (0.28-0.43 mm) Conventional spray: use 35-50 psi pressure and 1.4-1.8mm nozzle. Thin up to 10% if required 						Yes	Yes	Yes
	Yes	Yes	Yes	Yes					
<p>Product Notes</p>	<ul style="list-style-type: none"> Normally one full coat is sufficient but two coats can be applied for optimum smoothness Thin up to 10% for use as a primer on hardwood Can be overcoated after extended periods but overcoating within 48 hours is recommended Use appropriate undercoat shade for required topcoat colour Not recommended for immersion Do not apply to wet surfaces 								
<p>Health & Safety</p>	<p>Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.</p>								

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