

2007 Clear Scratch Resistant (High speed hardeners)**Product description**

2 pack High Solids Compliant Clear. High functionality at low viscosity.

Products

2007 with 4980 Rapid

2007 with 4990 Hi-Speed

Note

Product should be at 20°C prior to use.

Information contained herein is based on careful investigation and is intended for information only. User is obliged to test the suitability of the products for their particular use. Supplier may change any specifications without notice.

Uses

Panel repair

Resprays

The EU limit value for this product (product category IIB.e) in ready for use form is max. 840 g/litre of VOC. The VOC content of this product in ready for use form is 600 g/l – 2004/42/IIB.e (840) 600

Composition	Acrylic resins, solvents
Colour	Water clear
Shelf life	Lacquer 36 months / Hardener 9 months
Pack Size	5 litre Clear/2½ litre hardener, 1 litre Clear/500ml hardener

Pre-treatment

Diamond Clear Scratch Resistant can be applied to solvent and waterborne basecoats.

	<u>Health and Safety</u> "For professional use only" Important: When using any new product, consult the "Health and Safety" data sheet. Always read the risks and precautions stated on the product label.											
	<u>Mix Ratio</u> 2:1 (stir well and strain before application) <table><thead><tr><th></th><th>Volume</th><th>Weight</th></tr></thead><tbody><tr><td>2 parts Diamond Clear</td><td rowspan="2">2:1</td><td>100g</td></tr><tr><td>1 part Hardener</td><td>55g</td></tr><tr><td>600 – Universal thinner optional</td><td>Up to 10%</td><td></td></tr></tbody></table>		Volume	Weight	2 parts Diamond Clear	2:1	100g	1 part Hardener	55g	600 – Universal thinner optional	Up to 10%	
	Volume	Weight										
2 parts Diamond Clear	2:1	100g										
1 part Hardener		55g										
600 – Universal thinner optional	Up to 10%											

	<p><u>Spraying viscosity</u> 18 – 20 seconds BS4 cup at 20°C 14 seconds DIN4 cup at 20°C <u>Pot life</u> 4980: 40 - 45 minutes at 20°C, 4990: 20 - 25 minutes at 20°C</p>												
	<p><u>Application</u> Product and air need to be at ambient 20°C</p> <table border="1" data-bbox="489 579 1394 878"><thead><tr><th data-bbox="489 579 992 646">Spray Gun</th><th data-bbox="992 579 1167 646">Fluid tip size</th><th data-bbox="1167 579 1394 646">Working pressure</th></tr></thead><tbody><tr><td data-bbox="489 646 992 714">LVLP Compliant Gravity-feed spray gun</td><td data-bbox="992 646 1167 714">1.3 to 1.4mm</td><td data-bbox="1167 646 1394 714">2 – 2.5 bar</td></tr><tr><td data-bbox="489 714 992 781">Divilbiss GTI Air cap 110</td><td data-bbox="992 714 1167 781">1.3mm</td><td data-bbox="1167 714 1394 781">2 – 2.5 bar</td></tr><tr><td data-bbox="489 781 992 878">HVLP gravity-feed</td><td data-bbox="992 781 1167 878">1.3 – 1.4mm</td><td data-bbox="1167 781 1394 878">0.7 bar at nozzle</td></tr></tbody></table> <p>1st coat: half coat 2nd coat: full wet coat 3rd coat: optional Flash off: 4980 – 2-3 minutes, 4990 – 1-2 minutes Film thickness : 40 – 50 microns</p>	Spray Gun	Fluid tip size	Working pressure	LVLP Compliant Gravity-feed spray gun	1.3 to 1.4mm	2 – 2.5 bar	Divilbiss GTI Air cap 110	1.3mm	2 – 2.5 bar	HVLP gravity-feed	1.3 – 1.4mm	0.7 bar at nozzle
Spray Gun	Fluid tip size	Working pressure											
LVLP Compliant Gravity-feed spray gun	1.3 to 1.4mm	2 – 2.5 bar											
Divilbiss GTI Air cap 110	1.3mm	2 – 2.5 bar											
HVLP gravity-feed	1.3 – 1.4mm	0.7 bar at nozzle											
	<p><u>Drying</u> All force dry/infrared times operate @ 60°C Metal 80°C Air</p> <p>4980 – 10 minutes force dry or 1 – 1.5 hours air dry @ 20°C 4990 – 5 minutes force dry or 30 - 40 minutes air dry @ 20°C</p>												