

Gelcoat Application and Product Finder

③ = Ultimate Protection
② = Recommended
① = Acceptable, but a more specific alternative may be available
○ = Not recommended

		General Application	General Marine	UV and Weather Resistance	Water Resistance (below waterline)	Good Chemical Resistance	Industrial use	Internal use	Approvals	Pot gel time, 100g gelcoat, 2% M50 @ 25°C	Viscosity Brookfield RV @25°C # 6 Cps	Thixotropic Index	Specific Gravity @ 25°C
ISO - General Purpose Isophthalic Gelcoats <i>Isophthalic Gelcoats - for general purpose use. Demonstrate good properties for UV, weather and water resistance. Where weather and water resistance is the primary property required, choose an alternative gelcoat from the Llewellyn Ryland Gelcoat Application and Product Finder.</i>	GC100H Clear Brush	②	①	①	○	○	①	①	Lloyds	7-12mins	<6500	2.6	1.13
	GC105S Clear Spray	②	①	①	○	○	①	①	Lloyds	<7mins	<2000	3.1	1.15
	GC460H White Brush	②	①	①	○	○	①	①		7-12mins	<6500	2.6	1.2
	GC970H White Brush	②	①	①	○	○	①	①	Lloyds	7-12mins	<6500	2.6	1.19
	GC3313S White Spray	②	①	①	○	○	①	①		<7mins	<2000	3.1	1.2
	GC913S White Spray	②	①	①	○	○	①	①	Lloyds	<7mins	<2000	3.1	1.19
	GCI/ColourH Brush	②	①	①	○	○	①	①	Lloyds	7-12mins	<6500	2.6	1.15
	GCI/ColourS Spray	②	①	①	○	○	①	①	Lloyds	<7mins	<2000	3.1	1.15

IND - Industrial Gelcoats <i>Industrial Gelcoats have been developed specifically for applications where high external performance from the gelcoat is not the fundamental requirement. They have been created for use in markets where commercial considerations are the primary concern. Industrial gelcoats are expected to lose gloss and colour more quickly than Isophthalic gelcoats if externally exposed.</i>	GX800H Clear Brush	○	○	○	○	○	②	②		7-12mins	<6500	2.6	1.15
	GXE805S Neutral Spray	○	○	○	○	○	②	②		<7mins	<2000	3.1	1.17
	GXE840H White Brush	○	○	○	○	○	②	②		7-12mins	<6500	2.6	1.25
	GCE813S White Spray	○	○	○	○	○	②	②		<7mins	<2000	3.1	1.25
	GXEColourH Brush	○	○	○	○	○	②	②		7-12mins	<6500	2.6	1.17
	GXEColourS Spray	○	○	○	○	○	②	②		<7mins	<2000	3.1	1.19

NPG - Neopentyl Glycol Gelcoats <i>NPG Gelcoats are used in applications where a higher degree of water and chemical resistance is required. They can also demonstrate a higher resistance to the effects of UV and weathering. Within our range is a grade that produces the ultimate resistance to water and has been used below the waterline on marine vessels for many years. Although NPG gelcoats demonstrate a higher degree of chemical resistance compared to Isophthalic gelcoats, it is important to notify Llewellyn Ryland if the application is for swimming pools or for similar environments where there is the risk of exposure to high degrees of alkalinity. *Coloured NPG gelcoats can exhibit blushing with prolonged water exposure.</i>	GCN/6077H Clear Brush	①	②	①	②	②	○	○	Lloyds	7-12mins	<6500	2.6	1.13
	GCN/6076H White Brush	①	②	①	②	②	○	○	Lloyds	7-12mins	<6500	2.6	1.2
	GCN/6078S Clear Spray	①	②	①	②	②	○	○	Lloyds	<7mins	<2000	3.1	1.15
	GCN/6079S White Spray	①	②	①	②	②	○	○	Lloyds	<7mins	<2000	3.1	1.19
	GC5107H White Brush	①	②	①	③	③	○	○	Lloyds	7-12mins	<6500	2.6	1.19
	GCN/ColourS Spray*	①	②	①	①	①	○	○	Lloyds	<7mins	<2000	3.1	1.15
	GCN/ColourH Brush*	①	②	①	①	①	○	○	Lloyds	7-12mins	<6500	2.6	1.15

XLgel <i>XLgel is the ultimate performer against the effects of weather and UV and has a similar resistance to water as an Iso gelcoat. It has over 20 years case history of being used in the most aggressive UV and weather environments. *XLgel is available in a limited palette of colours.</i>	XL/3000H White Brush	○	①	③	①	○	○	○		7-12mins	<6500	2.6 +/- 0.3	1.2
	XL/ColourH Brush*	○	①	③	○	○	○	○		7-12mins	<6500	2.6 +/- 0.3	1.15

Sanding or Primer Gelcoats	GC6081H Grey Brushing	Specific blend of resins and fillers for applications that are to be sanded back and paint applied.								7-12mins	<6500	2.6 +/- 0.3	1.35
	GC6081S Grey Spraying									<7mins	<2000	3.1 +/- 0.2	1.35

Please note: all properties given in the table above are for guideline purposes only and are not absolute specifications. Particular colours may have a greater effect on above properties. All figures are given in good faith as a guide at the time of manufacture and may differ over time and by colour.

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