

## Gel Coats Selection Guide

For data sheets click on product name

Product	Mixing ratio A (pbw)	Mixing ratio B (pbw)	Properties	Application	Pot Life (250 ml) (mins)	Demoulding time (h)	Colour	Density (g/cm <sup>3</sup> )	Shore Hardness (ISO 868)	Deflection temperature (ISO 75) (°C)
<a href="#">RenGel® SW 18/ Ren® HY 2404</a>	100	20	Heat resistant, excellent styrene resistance, polishable	Wet lay-up tools, vacuum forming tools, RTM moulds	10-15	12	Green	1.3	85-90 D	85
<a href="#">RenGel® SW 18/ Ren® HY 5159</a>	100	16	Heat resistant, excellent styrene resistance, polishable	Wet lay-up tools, vacuum forming tools, RTM moulds	25	12	Green	1.3	85-90 D	100
<a href="#">RenGel® SW 56/ Ren® HY 2404</a>	100	13	Heat resistant, polishable, excellent chemical resistance	Foam and vacuum forming tools, pressure casting moulds (ceramics)	10-15	12	Caramel	1.5	90 D	100
<a href="#">RenGel® SW 56/ Ren® HY 5159</a>	100	10	Heat resistant, polishable, excellent chemical resistance	Foam and vacuum forming tools, pressure casting moulds (ceramics)	25-30	12	Caramel	1.5	90 D	120
<a href="#">Araldite® SW 402 LC / HY 2404</a>	100	12.5	Hard, resistant but polishable surfaces showing good chemical resistance. Can be worked by cutting or grinding.	Brush or Spatula application, Forms an opaque white layer, Cures rapidly at room temperature	14-20	6- 8	yellow, transparent liquid	1.6	85-90 D	60-70
<a href="#">RenGel® SW 404/ Ren® HY 2404</a>	100	10	Very hard, abrasion and chemical resistant, very strong edges	Foundry patterns, copy-milling models	15	12	Blue	1.8	85-90 D	80
<a href="#">RenGel® SW 404/ Ren® HY 5159</a>	100	8	Very hard, abrasion and chemical resistant, very strong edges	Foundry patterns, copy-milling models	50	12	Blue	1.8	85-90 D	100
<a href="#">RenGel™ SW 10 / Ren® HY 2404</a>	100	10	Easily machinable (soft fillers), Polishable, Low odour	Negatives, moulds and fixtures, Pattern / tools for the ceramic industry (plaster working moulds)	20	12	Pale yellow	1.5	85-90 D	60-70
				Negatives,						

RenGel™ SW 10 / Ren® HY 5159	100	8
Coupling Coat P99 / HY 5159	100	11
6411	coming	soon

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Universally  
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the tacky  
gelcoat

60	12	Pale yellow	1.5	85-90 D	80
30	12	Grey	1.5		