

Paint/Coating Testing

Summary

04/28/08

Product	Manufacturer	No. Comp	# Coats	DFT /coat (mil)	DFT Total (mil)	Recoat @70F (HR)	# Coats / day	No. Days	Gloss (+polish) 1 to 10	Clarity/ Hiding 1 to 10	Ease of Polishing 1 to 10
Clears											
Neat Epoxy – MAS Resin/Slow	MAS Epoxy	2	2	2 est	4.0	8	2	1	8	9	8
Silmar 249 Clear Polyester Surfboard Resin	US Composites	2	1	4 est	4.0	0	1	1	9	9	8
WR-LPU – Clear	System 3	2	4	1	4.0	1	4	1	6	5	5
Wood Finish Gloss	Epifanes	1	3	1.2	3.6	24	1	3	8	9	8
Perfection Varnish	Interlux	2	2	1.2	2.4	6	2	1	9	9	9
Auto Clear Coat – ChromaPremier 72200S	DuPont	3	3	1	3.0	0.25	3	1	10	10	10
Colors											
<i>Whites</i> WR-LPU – Orcas White	System 3	2	4	1	4.0	1	4	1	6	5	5
White Graphite	Proprietary	3	2	2 est	4.0	8	2	1	8	6	9
White Graphite	Proprietary	3	3	2 est	6.0	8	2	1.5	8	6	9
Mono-urethane – Light Oyster	Epifanes	1	3	1.4	4.2	24	1	3	8	8	8
<i>Dark</i> Auto Finish – Suburu Red	DuPont	3	4	1	4.0	0.25	4	1	10	10	10
Perfection – Jet Black	Interlux	2	2	1.5	3.0	6	2	1	9	10	9
Graphite (MAS Resin/Slow & West 423)	MAS/West	3	2	2 est	4.0	8	2	1	8	10	9

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Product	Weight Start (g)	After Pass 1 (g)	Loss (%)	After Pass 5 (g)	Loss (%)	Abrasion Test 1 to 10	Scraping 1 to 10	Notes
Neat Epoxy – MAS Resin/Slow	348.8	348.6	-0.06%			8	9	No UV protection!!!
Silmar 249 Clear Polyester Surfboard Resin	403.0	402.9	-0.02%			7	5	
WR-LPU – Clear	361.6	361.6	0.00%			6	8	Cloudy.
Wood Finish Gloss	334.0	333.7	-0.09%			8	7	
Perfection Varnish	344.2	343.9	-0.09%			10	8	
Auto Clear Coat – ChromaPremier 72200S	360.1	359.8	-0.08%			9	8	
WR-LPU – Orcas White	354.9	354.8	-0.03%			7	6	Burn through easy.
White Graphite	352.1	351.1	-0.28%	350.3	-0.51%	10	10	Pores fill w/ compound
White Graphite	363.6	362.1	-0.41%			10	10	Pores fill w/ compound
Mono-urethane – Light Oyster	352.8	352.5	-0.09%			5	5	Burn through easy.
Auto Finish – Suburu Red	338.3	337.7	-0.18%			5	5	Only one clear coat on sample.
Perfection – Jet Black	333.7	333.5	-0.06%			8	8	Burn through easy
Graphite (MAS Resin/Slow & West 423)	358.4	357.3	-0.31%	356.4	-0.56%	10	10	Layers show through during wet sanding/polishing