

3M™ Marine Sealants Comparison Guide



Features	3000 UV	4000 UV	4200 FC	5200	5200 FC	Marine Grade Silicone	595
Sealing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bonding	Good	Excellent	Good	Excellent	Excellent	Poor	Excellent
Removable	Yes	Yes	Yes	No	No	Yes	No
Above water	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Below water	Yes	Yes	Yes	Yes	Yes	No	No
Strength	Medium	Medium	Medium	High	High	Low	High
Chemical base	SMP	SMP	Polyurethane	Polyurethane	Polyurethane	Silicone	Polyurethane
Curing time	24 hrs	24 hrs	24 hrs	5–7 days	24 hrs	24 hrs	24 hrs
Tack free time (70°F/21°C @ 50% RH)	1 hr	30 min	2 hrs	24–48 hrs	1 hr	10 min	30 min
Cure rate (mm per 24 hrs)	>3.5	>3.5	>3	<1	3	3	3

Applications	+ Good	++ Better	+++ Best				
Deck to hull bonding		++	++	+++	+++		
General purpose sealing and bonding above and below waterline	++	+++	++	+++	+++	Above Waterline Only	
Bedding	++	+++	+++	++	++	+	
Keel bonding		+	+	+++	+++		
General interior sealing	++	++	++			+++	
Sealing wood to deck or superstructure	+	+	++	+++	+++		
Sanitary sealing						+++	
Glass window bonding							+++
Fritted glass window bonding							+++
Plastic acrylic window bonding		+++					+++
Wood deck caulking <small>Not recommended for teak deck caulking.</small>	+	++	++	+++	+++	+	
Bonding anti-slip plates in engine rooms	+	+	++	+++	+++		
Sealing exterior strong UV radiation zones	+++	+++	+	+	+	Above Waterline Only	
Bonding decorative panels (vertical); work surfaces (horizontal); deck hardware (deck/fittings); wood to wood	+	++	++	+++	+++		
Bonding thru hull; hatches and port lights; fiberglass to fiberglass	+	+++	++	+++	+++		

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