


Adhesion Selection Guide

	1-Part Adhesive Sealants										2-Part Potting & Encapsulation	
	Acetoxy Cure		Oxime Cure		Alkoxy/Methoxy Cure		Acetone		Addition Heat Cured		2-Part Platinum Addition	2-Part Tin Condensation
Substrate	Primerless	Primer	Primerless	Primer	Primerless	Primer	Primerless	Primer	Primerless	Primer	Primer	Primer
ABS	Fair	OP2	Good	None	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
Aluminium	Good	No 6	Good	No 6	Fair	No 6	Excellent	No 6	>150°C	No 3	No 3	Silcoset Primer
Brass	Do not use	Do not use	Do not use	Do not use	Excellent	None	Excellent	No 6	>150°C	No 3	No 3	Silcoset Primer
Bronze	Do not use	Do not use	Do not use	Do not use	Excellent	None	Excellent	None	>150°C	No 3	No 3	Silcoset Primer
Ceramic tiles	Excellent	None	Excellent	None	Excellent	None	Excellent	None	>150°C	No 3	No 3	Silcoset Primer
Copper	Do not use	Do not use	Do not use	Do not use	Excellent	None	Excellent	No 6	>150°C	No 3	No 3	Silcoset Primer
Corona treated Polypropylene	Good	None	Good	None	Good	None	Good	None	Do not use	Do not use	No 3	Silcoset Primer
Fibreglass	Excellent	None	Excellent	None	Excellent	None	Excellent	None	>150°C	No 3	No 3	Silcoset Primer
Fluoroplastics	Fair	OP2	Excellent	None	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
Glass	Excellent	None	Excellent	None	Excellent	None	Excellent	None	>150°C	No 3	None	None
Iron	Do not use	Do not use	Good	None	Good	None	Good	None	>150°C	No 3	No 3	Silcoset Primer
Lead	Do not use	Do not use	Good	None	Good	No 6	Good	None	>150°C	No 3	No 3	Silcoset Primer
Masonry (Porous)	Do not use	Do not use	Good	No 4	Good	No.4	Good	No 4	>150°C	None	None	Silcoset Primer
Neoprene	Fair	OP2	Good	OP2	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
Nylon	Fair	OP2	Good	None	Fair	OP 2	Excellent	None	Do not use	No 3	No 3	Silcoset Primer
Perspex	Fair	OP2	Good	OP2	Good	None	Fair	OP2	Do not use	No 3	No 3	Silcoset Primer
Polycarbonate	Fair	OP2	Good	OP2	Good	None	Do not use	OP2	145°C Max	No 3	No 3	Silcoset Primer
Polyester	Fair	OP2	Good	None	Good	None	Good	OP2	>150°C	No 3	No 3	Silcoset Primer
Polyethylene	No Bond	No Bond	No Bond	No Bond	No Bond	No Bond	No Bond	No Bond	Do not use	Do not use	No Bond	No Bond
Polystyrene	Good	None	Excellent	None	Good	None	No Bond	No Bond	>150°C	No 3	No 3	Silcoset Primer
Polysulphide	Fair	OP2	Good	None	Good	None	Good	None	Do not use	No 3	No 3	Silcoset Primer
Polyurethane	Fair	OP2	Excellent	OP2	Good	None	Good	None	Do not use	No 3	No 3	Silcoset Primer
Printed Circuit Boards	Do not use	None	Not advisable	Not advisable	Excellent	None	Good	OP2	>150°C	No 3	No 3	Silcoset Primer
PVC	Fair	OP2	Good	OP2	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
PVF	Fair	OP2	Good	OP2	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
Silicone	Excellent	None	Excellent	None	Excellent	None	Excellent	None	>90	None	None	None
Stainless steel	Good	No 6	Excellent	None	Good	None	Excellent	No 6	>150°C	No 3	No 3	Silcoset Primer
Steel	Do not use	None	Good	None	Good	None	Good	No 6	>150°C	No 3	No 3	Silcoset Primer
Synthetic rubbers (Butyl)	Fair	OP2	Good	OP2	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
Synthetic rubbers (SBR, Nitrile, EPDM)	Fair	OP2	Good	None	Good	None	Good	OP2	Do not use	No 3	No 3	Silcoset Primer
Untreated wood	Good	No.4	Good	None	Good	None	Good	None	Do not use	Do not use	No bond	No Bond
Varnished wood	Fair	None	Good	None	Good	None	Good	None	Do not use	Do not use	Do not use	Do not use