



# MAKEEAN POLYMERS PRODUCT GUIDE

Acid Stable Acrylics						
Product	Solids	pH	Viscosity	Viscometer	Tg (°C)	Application
M310	48 ± 1	1.5 - 2.5	50 - 60	KU	7	Binder for acid modified water based primers for steel and galvanised iron.
Acrylic Thickeners						
Product	Solids	pH	Viscosity (cPs)	Viscometer	MFFT (°C)	Application
ASP1	28 ± 1	2 - 3	<100	LVT #4 @ 12, 30, 60	10	Used as a thickener and dispersant in emulsion based paints.
ASP2	28 ± 0.2	2 - 3	<100	LVT #4 @ 12, 30, 60	10	
ASP4	30 ± 0.2	2.6 - 2.7	<100	LVT #4 @ 12, 30, 60	10	
ASP7	40 ± 0.5	2.6 - 2.7	<100	LVT #4 @ 12, 30, 60	10	
Pressure Sensitive Acrylics						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
MP58	50 ± 1	9 - 10	50 - 500	LVT #3 @ 30	≤0	Used as a base for pressure sensitive adhesives having high tack and good shear.
Styrene Acrylics						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
M323	47 ± 1	7.5 - 8.5	1000 - 2000	RVT #4 @ 20	±7	Paint binder for PVA paints and waterproofing applications.
M329	48 ± 1	9 - 10	800 - 1400	LVT #3 @ 30	7	Paint binder for PVA paints and waterproofing applications.
M366	46 ± 1	9 - 10	800 - 1400	LVT #3 @ 30	14	Paint binder for high to ultra high emulsion paints.
M713	46 ± 1	9 - 10	800 - 1200	LVT #3 @ 30	8	Used as a binding medium for most grades of emulsion paints. Particularly suitable for emulsion bound plasters and textured coatings. Paints based on M713, give very durable exterior coatings having excellent ultraviolet resistance.
M716	50 ± 1	9 - 10	100 - 1000	LVT #3 @ 30	±17	Used as binding medium for most grades of waterproofing compounds. Also used in mastics and sealing compounds. Recommended where very flexible coatings are required.
M748	50 ± 1	8.5 - 9.5	100 - 1000	LVT #3 @ 30	7	Paint binder for medium to ultra high PVC emulsion paints. Synperonic NP9 is recommended to improve colour development at a level of 0.1% in paint by weight.
M750	50 ± 1	9 - 10	100 - 1000	LVT #3 @ 30	1	Paint binder for high to ultra high emulsion paints.
Pure Acrylics						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
M813	46 ± 1	8.5 - 9.5	400 - 2000	LVT #3 @ 31	19	Used as a binding medium for most grades of emulsion paints. Particularly suitable for emulsion bound plasters and textured coatings. Paints based on M813 give very durable exterior coatings having excellent UV resistance.
M816	46 ± 1	8.5 - 9.5	400 - 2000	LVT #3 @ 30	±8	Used as a binding medium for most grades of waterproofing compounds. Also used in mastics and sealing compounds. Recommend where very flexible coatings are required.
M820	46 ± 1	8.5 - 9	1200 - 3200	LVT #3 @ 30	23	Sheen Paints General Purpose Paints
M850	50 ± 1	8.5 - 9.5	400 - 2000	LVT #3 @ 30	20	Used as a binding medium for most grades of emulsion paints. Particularly suitable for emulsion bound plasters and textured coatings. Paints based on M850 give very durable exterior coatings having excellent UV resistance.
Styrene Acrylic Co-polymers						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
M910	60 ± 1	na	2000 - 6000	LVT #3 @ 12	NA	Plaster Primer
Textile Binders						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
M701	38 ± 1	8 ± 0.2	200 - 600	LVT #3 @ 30	-28	M701 finds excellent application as a print paste binder.
M702	50 ± 1	7 - 7.6	200 - 600	LVT #3 @ 30	24	M702 finds excellent application as a print paste binder.
M706	45 ± 1	4 - 5	<200	LVT #3 @ 30	±28	Binder and stiffener for non woven fabric. Heat crosslinkable.
Cementitious Polymers						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
MCP501	46 ± 1	7.5 - 8.5	200 - 800	LVT #3 @ 30	2	For use with cement mortars and concrete mixes to give excellent water resistance, enhanced adhesion and good flexibility.
MCP502	51 ± 1	7.5 - 8.5	50 - 400	LVT #3 @ 30	0	
MCP503	50 ± 1	7.5 - 8.5	40 - 400	LVT #3 @ 30	4	Also improves workability and flow of cement bound mixes.
MCP572	53 ± 1	7.0 - 9.0	200 - 1500	LVT #3 @ 30	±22	
Vinyl Co-polymers						
Product	Solids	pH	Viscosity	Viscometer	Tg (°C)	Application
MC56	56 ± 1	7.5 - 8	62 - 70	KU	8	Used as a binder for emulsion paints.
VV50	50 ± 1	8 - 8.5	200 - 600cPs	LVT #3 @ 30	-9	Used as a binder for emulsion paints.
Vinyl Homopolymers						
Product	Solids	pH	Viscosity (cPs)	Viscometer	Tg (°C)	Application
M55	55 ± 1	4 - 5	12 000 - 20 000	RVT #6 @ 20	±30	Used for padding compounds and general adhesives.
M025	50 ± 1	4 - 6	20 000 - 40 000	RVT #6 @ 20	±30	Used as a binder for adhesives.
MH50	50 ± 1	4 - 6	15 000 - 35 000	RVT #6 @ 20	±30	Used for cold wood glues and as a base for various PVA type adhesives.
MHH	50 ± 1	4 - 6	30 000 - 50 000	RVT #6 @ 20	±30	Used for cold wood glues and as a base for various PVA type adhesives.
MHL	60 ± 1	4 - 5	10 000 - 25 000	RVT #6 @ 20	±30	Used for cold wood glues and as a base for various PVA type adhesives.
MHL-L	60 ± 1	4 - 5	1 000 - 10 000	RVT #6 @ 20	±30	Used for cold wood glues and as a base for various PVA type adhesives.
MHL-H	60 ± 1	4 - 5	30 000 - 40 000	RVT #6 @ 20	±30	Used for cold wood glues and as a base for various PVA type adhesives.
ML50	50 ± 1	4 - 6	10 000 - 26 000	RVT #6 @ 20	±30	Used for cold wood glues and as a base for various PVA type adhesives.