

Paint/varnish styrene-acrylic dispersions selection table

Item/Performance	Interior paints	Exterior paints	Flame-retardant coatings	Wood coatings	Wood primers and impregnates	Metal enamels	Bind primers	Deep-penetrating primers	Anti-corrosive primers	Fillers	Decoration plasters	Sealants	Coating on the and slate	Protective and finishing varnish	Construction Adhesives	Waterproofing	Textile dyeing and printing	Textile finishing	Printing and flexographic paints and varnishes	Non-woven fabric (glass veil)	Thickener	Polymer Type	Solids content, % w	pH	Relative viscosity with viscosimeter VZ4 at 20°C, s	Brookfield viscosity at 23°C, RV1/2/20, mPa*s	Minimum film-forming temperature (MFFT), °C	Particle size, µm	Cold resistance	Shelf life, months
novopol 001	■	■					■			■	■		■		■							Styrene-acrylic (S/A)	49-51	7-9	15-30	150 - 600	17-20	0,1-0,2	No	6
novopol 001A	■	■					■			■	■				■							S/A	49-51	7-9	15-40	150-800	~0	0,1-0,2	No	6
novopol 001C	■	■					■						■									S/A	49-51	7-9	15-30	150 - 600	30-35	0,1-0,2	No	6
novopol 001M	■	■					■			■	■		■		■							S/A	49-51	7-9	12-30	N/A	17-20	0,15-0,5	5 freeze-thawing cycles to -40°C	6
homacryl 101M	■	■					■			■	■		■									S/A	49-51	7-9	12-30	N/A	25-28	0,15-0,5	5 freeze-thawing cycles to -40°C	6
novopol 002A																						Acrylic (A)	40-44	3-5	65-150*	>600*	0	0,05-0,15	No	6
novopol 002B																						A	40-44	3-5	120-200*	>800*	≥60	0,05-0,15	No	6
novopol 002V																						A	40-44	3-5	≥55*	N/A	≥60	0,05-0,15	No	6
novopol 002D																						A	40-44	3-5	≤65*	N/A	0	0,05-0,15	No	6
novopol 004				■	■																	A	45-48	7-9	13-40	N/A	17-22	0,1-0,15	No	6
novopol 004A						■			■													A	45-48	7-9	13-40	N/A	17-22	0,1-0,15	5 freeze-thawing cycles to -40°C	6
novopol 004AF APEO free				■	■																	A	45-48	7-9	13-40	N/A	17-22	0,1-0,15	No	6
novopol 006C, E					■		■	■														S/A	30-34	7-9	11-15	N/A	≤ 5	0,03-0,06	No	6
novopol 007																					■	A	24-27	1,6-3	10-12	≥5000**	N/A*	0,1-0,15	No	6
novopol 009																						S/A	45-48	3-5	12-18	N/A	~+12	0,05-0,10	No	6
novopol 010				■	■								■									S/A	45-48	7-9	12-30	N/A	55-58	0,1-0,15	No	6

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novopol 110	■	■					■	■		■	■							S/A	49-51	7,5-9	30-55	800-1500	18-20	0,08-0,15	No	6
novopol 110 AF APEO free	■	■					■	■		■	■							S/A	49-51	7,5-9	30-55	800-1500	18-20	0,08-0,15	No	6
novopol 110N				■			■	■										S/A	40-42	7-9	12-30	N/A	<0	0,05-0,1	No	6
novopol 130	■	■					■	■		■	■							S/A	48-51	7-9	15-20	N/A	0+4	0,1-0,2	No	6
novopol 130E	■	■					■	■		■	■							S/A	48-51	7-9	15-20	N/A	0+4	0,1-0,2	No	6
novopol 404			■				■			■								A	47-51	3-5	11-15	N/A	≤ 5	0,1-0,15	No	6
homacryl 113S								■										S/A	40-45	7-9	15-30	150-600	~20	0,1-0,15	No	6
homacryl 114S							■			■								S/A	49-51	8-9	15-30	150-400	~20	0,15-0,3	No	6
homacryl 123H								■	■	■								A	59-61	7,5-8,5	≥40	550-950	0	0,2-0,4	No	6
homacryl S 110U	■	■					■			■	■		■					S/A	49-51	7-9	30-55	800-1500	18-20	0,08-0,15	No	6
homacryl S 120U	■	■					■			■	■		■					S/A	49-51	7-9	15-30	150-600	15-20	0,08-0,15	No	6
homacryl 400W				■	■								■					A	46-48	7,5-9	13-40	150-600	~20	0,1-0,15	No	6
homacryl 601G APEO free							■	■	■									S/A	30-34	7-8	11-15		≤ 5	≤0,03	No	6
homacryl 856U			■					■	■	■								S/A	59-61	7-9	13-40	350-650	<0	0,1-0,15	No	6
homacryl 863T																		S/A	39-41	7-9	11-13	N/A	0	0,17-0,25	No	6
homacryl 812N													■					S/A	50±1	6,5-8,5	30-60	900-2000	~50	0,08-0,15	No	6
homacryl 813N													■					S/A	40±1	07-9	15-25	N/A	30	0,08-0,12	No	6
novopol 110B																		S/A	50±1	7,5-9,0	N/A	800-1500	18-20	0,08-0,15	No	6
novopol 300A													■					Vinyl acetate/ Acrylic (VA/A)	49±1	07-9	13-40	200-1000	15-20	0,1-0,2	No	6
homacryl 863T													■					S/A	40±1	07-9	11-13	N/A	0	0,17-0,25	No	6
homavil 850T																■		VA	NLT 46.5	5,5-8,0	N/A	500-2000	28-32	0,3-2,0	No	6
novopol 119	■		■					■	■									VA	50±1	6,5-7,5	15-30	N/A	17	0,15-0,2		

* not rated