

Leading in emulsions and speciality polymers

Synthomer is one of the world's leading suppliers of emulsion and speciality polymers supporting leadership positions in many market segments including coatings, construction, technical textiles, adhesives, paper and synthetic latex gloves. The company has its Head Office in London (UK) and provides customer focused services from operational centres in Harlow (UK), Marl (Germany), Kuala Lumpur (Malaysia), Shanghai (China) and Dubai (UAE). In June 2016 we have acquired the Monomers, Dispersions and Powders business (MDP) from Hexion with dedicated production, sales and customer service facilities in North America, Europe and South East Asia. The newly acquired business significantly improves our footprint to a number of speciality markets which we will continue to serve through a strong network of local technical service and sales branches, supported by regional application development and production in our key markets. *We deliver the right formula, globally, individually.*

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Dispersions Architectural Coatings



Dispersions Architectural Coatings



Product Name	Applications											Properties	Dispersion Properties*					Product Name				
	Matt	Eggshell, Wet room paints	Semi-Gloss	Masonry paints, Facade paints / plasters	Silicate paints / plasters	Silicone resin paints / plasters	Mosaic plasters	Flexible coatings, Crack bridging coatings	Primers	Stabilising solutions	Thickeners		Solid content [%] ISO 3251	pH Value ISO 9176	Viscosity [mPa·s]	Glass transition temperature T _g [°C]	MFFT [°C]					
Acrylic																						
PLEXTOL A 6474	○	●	●	○												Multipurpose (mineral, metal, and wood)	45	8.75	110 ¹⁾	Multi-phase	5	PLEXTOL A 6474
PLEXTOL B 500					○		●									High stability, non-ionic stabilized	50	9.5	2,500 ¹⁾	9	7	PLEXTOL B 500
PLEXTOL D 487		●	●	○												Self-crosslinking, universal adhesion (house paint), abrasion resistant	50	8.0	2,500 ¹⁾	14	4	PLEXTOL D 487
PLEXTOL UltraGreen 3852	○	●		●	○											Lower VOC, low water and alkali sensitivity, outdoor durability, ammonia-free	50	8.0	750	9	4	PLEXTOL UltraGreen 3852
PLEXTOL D 2610		●	●	○			●									Low water sensitivity, wet adhesion	48	7.5	450	25	25	PLEXTOL D 2610
PLEXTOL L 3851			○	●			●									Excellent non-water-blanching, UV resistance	49	7.5	600	23	20	PLEXTOL L 3851
PLEXTOL D 512			○	●	○	○	●									Universal binder, excellent weatherability and outstanding water resistance	50	8.0	2,500 ¹⁾	26	17	PLEXTOL D 512
PLEXTOL R 100				●			●									Cost effective, Flexible, high water resistance	62	6.0	550 ¹⁾	13	0	PLEXTOL R 100
PLEXTOL R 123							●									Flexible, low water uptake	60	7.5	300 ¹⁾	-15	0	PLEXTOL R 123
PLEXTOL R 803		●														Very high exterior durability, good response to associative thickeners	46	7.5	250 ¹⁾	24	18	PLEXTOL R 803
PLEXTOL R 814		●														Excellent wet adhesion and scrub resistance	48	8.5	1,100 ¹⁾	Multi-phase	0	PLEXTOL R 814
PLEXTOL UltraFine PR 3500								●								Excellent efflorescence resistance and over-coat adhesion, particle size 40nm	30	7.0	200	12	5	PLEXTOL UltraFine PR 3500
Styrene Acrylic																						
REVACRYL AE 3723	○			○	●	●										Very low emission, good pigment binding power, ammonia-free	50	7.5	150 ²⁾	10	4	REVACRYL AE 3723
REVACRYL DS 2100	○	○	○	●		○				○						Multipurpose, ammonia-free	50	8.0	1,200	22	18	REVACRYL DS 2100
REVACRYL L 3783	●		○	●		○				○						Robust multipurpose, high alkali resistance	50	8.0	500	19	19	REVACRYL L 3783
REVACRYL L 3790	●			○												Robust multipurpose, high alkali resistance, ammonia-free	50	8.0	900	24	24	REVACRYL L 3790
REVACRYL UltraGreen 3710	○			●						○						Low VOC, multipurpose, ammonia-free	50	7.0	1,100	9	5	REVACRYL UltraGreen 3710
REVACRYL AE 4625	○			●	○											Universal binder, low odour, ammonia-free	50	7.5	500	22	18	REVACRYL AE 4625
REVACRYL AE 4522										●						Excellent wet-adhesion and water resistance, special primers for ETICS	50	7.5	350 ²⁾	22	18	REVACRYL AE 4522
REVACRYL AE 3826	●				●											Low odour, excellent pigment binding power, ammonia-free	50	8.0	100 ²⁾	9	4	REVACRYL AE 3826
REVACRYL R 245				●		○										Excellent flexibility	50	8.0	550 ¹⁾	14	10	REVACRYL R 245
REVACRYL UltraFine 4210								●	●							Excellent penetration and consolidation, particle size 40nm	31	7.5	100	10	0	REVACRYL UltraFine 4210
Vinyl Acetate Copolymer																						
EMULTEX VV 665	●		●	○						○						High scrub resistance and high gloss	57	4.5	2,200 ¹⁾	6	0	EMULTEX VV 665
EMULTEX VV 673	●		●	●												Universal binder, high durability	55	5.0	1,000 ¹⁾	16	14	EMULTEX VV 673
EMULTEX VV 675	○			●												High flexibility, low water uptake	55	4.5	700 ¹⁾	13	11	EMULTEX VV 675
EMULTEX VV 679	●		●													High gloss level and high scrub resistance	50	4.5	1,200 ¹⁾	20	16	EMULTEX VV 679
Thickener																						
ROHAGIT SD 15										●						Solvent free, ASE thickener, mid to high shear	30	3.3	<100 ¹⁾	-	-	ROHAGIT SD 15

Product Range Decorative Coatings Europe. For availability in your region, please contact our local sales staff.

- recommended applications
- suitable applications

¹⁾ Test method ISO 2555 (Brookfield)/ISO 1652 (Brookfield)
²⁾ Test method ISO 3219
 * Data describes typical properties - not product specifications