

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 and Redispersible powders Mortars & Flooring



Dispersions and Redispersible powders

Mortars & Flooring

									Cement modification Polymer Cement Concrete Industrial flooring / screeds Cementitious Renders Underlayments Gypsum Plasters Primers Thickeners									Solids content [%] ISO 3251 pH Value ISO 976 Viscosity [mPa.s] Glass transition temperature Tg [°C] MFFT [°C] Un-Tapped density (Kg/dm³) Dosage Tapped density (Kg/dm³)								
Product Name	Applications								Properties	Dispersion Properties*								Product Name								
Acrylic																		Acrylic								
PLEXTOL PR 3500							●	Extremely fine particule size	29 ⁴⁾	7.0 ³⁾	200 ¹⁾	10	0				PLEXTOL PR 3500									
PLEXTOL D 509		●	●					High UV resistance binder / high flexural and compressive strength	50	7.5	500	15	14				PLEXTOL D 509									
Styrene Acrylic																		Styrene Acrylic								
REVACRYL R 478	●	●	●	●	●	●		Improves abrasion and chemical resistance ⁵⁾	57	8.0	1,800 ¹⁾	23	18				REVACRYL R 478									
XSBR																		XSBR								
LIPATON L 8232	●							High stability with cement	50	7.5	200 ¹⁾	3	0				LIPATON L 8232									
LIPATON L 8262	●							High stability with cement, contains defoamer and anti-freeze	50	7.5	200 ¹⁾	3	0				LIPATON L 8262									
LIPATON SB 29Y130	○							Universal type without defoamer	47	10.0	150 ²⁾	-8	0				LIPATON SB 29Y130									
LIPATON SB 29Y141	●		●					Special binder for industrial flooring / screed applications ⁵⁾	47	10.0	90 ¹⁾	-8	0				LIPATON SB 29Y141									
LIPATON SB 29Y146	●			●	●		●	Increased flexural strength, universal cement compatibility ⁵⁾	47	10.0	90 ¹⁾	-8	0				LIPATON SB 29Y146									
LIPATON SB 30Y160	●	●	○		●			High strength ⁵⁾	47	10.0	150 ²⁾	18	16				LIPATON SB 30Y160									
LIPATON SB 5843	●		○	●	●	●	●	Universal cement compatibility ⁵⁾	48,5	7.5	30 ²⁾	-5	0				LIPATON SB 5843									
RDP																		RDP								
AXILAT HP 8510	○		●	○	○	○		Multipurpose with outstanding dry adhesion				16	6				AXILAT HP 8510									
AXILAT HP 8513			○		●			Excellent abrasion resistance. Compatible with a wide range of super-plasticizers				16	6				AXILAT HP 8513									
AXILAT HP 8538	●			●				Hydrophobic. Outstanding adhesion and cohesion on many substrates in wet and dry adhesion				15	6				AXILAT HP 8538									
AXILAT UP 600B	●			○		○		Hydrophobic. Low sensitivity to curing conditions				15	6				AXILAT UP 600B									
AXILAT PSB 150						●		High binding power, very fast ability to redisperse				15	8				AXILAT PSB 150									
Thickener																		Thickener								
ROHAGIT SD 15							●	Solvent free, UV-stable	30	3.3	<100 ¹⁾	-	-				ROHAGIT SD 15									
ROHAGIT SD 40							●	Solvent free, UV-stable	25	2.5	<100 ¹⁾	-	-				ROHAGIT SD 40									
ROHAGIT SD 9523							●	Outstanding thickening performance at high pH	35	4.5	30 ¹⁾	-	-				ROHAGIT SD 9523									
Dry Defoamers																		Dry Defoamers								
AXILAT DF 770 DD	●				●			Fast effect						0,6			AXILAT DF 770 DD									
AXILAT DF 775 DD	●				●			Fast effect						0,4			AXILAT DF 775 DD									
AXILAT DF 6352 DD	●				●			Long lasting effect						0,5			AXILAT DF 6352 DD									
Hydrocolloids																		Hydrocolloids								
AXILAT RH 100 XP					●			High anti-segregation effect - succinoglycan							0,015		AXILAT RH 100 XP									
AXILAT RH 200 XP					●			High anti-segregation effect - Fast action - succinoglycan							0,015		AXILAT RH 200 XP									
Setting and hardening accelerator																		Setting and hardening accelerator								
AXILAT SA 502	●				●			Solvent free, UV-stable								0,9 to 1,1	AXILAT SA 502									

Product Range Mortars & Flooring Europe. For availability in your region, please contact our local sales staff.

- main applications
- further application

XSBR - Carboxylated Styrene Butadiene Latex

RDP - Redispersable powder

¹⁾ Test method ISO 2555 (Brookfield) / ISO 1652 (Brookfield)

²⁾ Test method ISO 3219

³⁾ Test method ISO 1148

⁴⁾ Test method ISO 1625

⁵⁾ Product contains defoamer

* Data describes typical properties - not product specifications