

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.*

Disclaimer: This information and any other advice or recommendations given or made by us (collectively "Information"), are provided in good faith and are not intended to, nor do they, constitute professional advice or services. Information is provided "AS IS" and on an "AS AVAILABLE" basis and without warranty. We do not warrant or accept responsibility for the accuracy, timeliness or completeness of the Information, or for the suitability of the Information for a particular purpose. We do not accept responsibility, and exclude all liability (including under any implied warranties), for any matters arising out of or in connection with your reliance on the Information (including as to infringement of third party intellectual property rights) to the fullest extent permitted by law. Any Information concerning any possible use or application of Synthomer products is given by us in good faith; we do not warrant the fitness of any Synthomer products for any particular purpose and it is entirely for you to satisfy yourself fully as to the suitability of Synthomer products for any particular purpose. Synthomer products are sold in accordance with Synthomer's standard terms and conditions of sale which are available from www.synthomer.com/tc.

Group Head Office:

Synthomer plc
45 Pall Mall
London SW1Y 5JG
United Kingdom
info@synthomer.com

Operational Centre Europe:

Synthomer Deutschland GmbH
Werrastraße 10
45768 Marl
Germany
Phone +49 23 65 49-2552
info.europe@synthomer.com

Dispersions Protective Coatings



Dispersions Protective Coatings

Product Name	Applications							Properties	Emulsion Properties*					Product Name
	Road-Marking paint	Roof-tile / fibre cement coating	Roof-coating, Crack-bridging	Intumescent coatings	Underbody coatings	Anti-corrosion paints	Protective coatings/DTM		Solid content [%] ISO 3251	pH Value ISO 976	Viscosity [mPa·s]	Glass transition temperature T _g [°C]	MFFT [°C]	
Acrylic													Acrylic	
PLEXTOL D 507	●							High-efflorescence resistance, excellent weatherability, recommended for concrete roof tiles	50	8.5	3,500 ¹⁾	25	16	PLEXTOL D 507
PLEXTOL D 977		●						UV crosslinking, very high elasticity, flexibility at low temperatures	57	7.5	2,000	-24	0	PLEXTOL D 977
PLEXTOL M 625	●							Hard, excellent weatherability and efflorescence resistance, recommended for fibre cement tiles, ammonia-free	50	8.8	2,000 ¹⁾	56	56	PLEXTOL M 625
PLEXTOL R 100			○					High solids, high durability	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 5511			●					High flexibility across wide temperature range, low dirt pick-up, UV-crosslinking	60	6.0	750 ¹⁾	-40	0	PLEXTOL R 5511
PLEXTOL R 5530					●	●		Very hydrophobic film with high gloss potential	46	8.3	150	33	23	PLEXTOL R 5530
PLEXTOL RM 1017	●							High solids, abrasion resistance	62	6.0	550 ¹⁾	13	0	PLEXTOL RM 1017
Styrene Acrylic													Styrene Acrylic	
REVACRYL AE 3020		●						Flexible, water-resistant, good wet adhesion/weatherability	50	7.5	250 ²⁾	-2	0	REVACRYL AE 3020
REVACRYL AE 4522						○		Excellent wet-adhesion and water resistance	50	7.5	350 ²⁾	22	18	REVACRYL AE 4522
REVACRYL AE 6030					●			Excellent anti-corrosion protection and adhesion on non-ferrous metals, fast water-resistance	50	8.0	125 ²⁾	38	32	REVACRYL AE 6030
REVACRYL RM 4550	●							Low ammonia smell, short drying time under humid conditions	50	7.5	350 ²⁾	22	18	REVACRYL RM 4550
Vinyl Acetate Copolymer													Vinyl Acetate Copolymer	
Emultex FR 728			●					Rapid foam generation; for 30 - 60 min. protection	50	4.0	2,250 ¹⁾	23	13	Emultex FR 728
Emultex FR 797			●					Slow developing, compact foam; for 90 - 120 min. protection	55	4.5	1,100 ¹⁾	13	2	Emultex FR 797
XSBR													XSBR	
LIPATON SB 5521				●	●			Excellent anti-corrosion protection, good abrasion and water resistance	50	8.5	100 ²⁾	-5	0	LIPATON SB 5521

Product Range Protective 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
³⁾ Multi-phase particles
 * Data describes typical properties - not product specifications