

FLOORING AND CONSTRUCTION

Liquid Resins and Additives



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Facts & Figures

- Global company with over €2.1 billion in sales
- Broad technology portfolio: liquid coating resins, energy curable resins, powder coating resins, crosslinkers and additives, composites and construction materials
- Approximately 4000 employees
- Customers in more than 100 countries
- 33 manufacturing facilities
- 23 research and technology centers
- 5 ventures
- Extensive range of solutions for key coating segments: automotive, industrial, packaging coating and inks, protective, industrial plastics and specialty architectural

With manufacturing, R&D and technical facilities located throughout Europe, North America, Asia Pacific and Latin America, allnex offers global and reliable supply of resins and additives combined with local, responsive customer support.

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We are allnex

We are recognized as the coating resins pioneer and offer an extensive range of products for many applications. Our portfolio includes traditional Liquid Coating Resins, Crosslinkers, Radiation Curable Resins and Powders as well as Additives.

Broad portfolio
allnex offers a broad portfolio of products for the Flooring and Construction market covering all the commonly used layers and systems. We have a global network of R&D and production sites. Through our experience and extensive industry contacts we are able to advise you on the best selection of Resins and Additives for your developments. The Liquid Resins and Additives (LRA) business provides a comprehensive range of products with its core technologies including: Acrylics, Hydrophobic polyols, Epoxies and Epoxy hardeners, PUD's and Additives for use in water borne, solvent borne and solvent-free paint and coatings.

Sustainability and innovation
We care about the environment and have developed a range of products which do not only comply with regulations but are even a few steps ahead. Within this brochure you will find solvent-free products based on renewable raw materials, epoxy hardeners with no free amines and non-isocyanate curing systems. During product development we take care to reduce the amount of chemicals of concern. We focus on maximizing performance to cost ratio while meeting market requirements in terms of appearance and durability.

Product information
This brochure offers an overview of liquid resin solutions by technology and application. Please contact our technical service staff if you need additional information or have specific questions about an application. The product finder on our website features a more complete list of all of our products and technologies as well as access to the TDS. We have the possibility to offer tailor-made solutions in cases where we cannot find the product which meets with your requirements.



Selection tables

Water borne systems

	Technology					Application												Properties									
	1-component	Straight acrylic	Styrene acrylic	2-component	3-component	Clear	Pigmented	Hardness	Flexibility	Chemical resistance	Coatings	Primers	Topcoats	Mortars / 3k ECC	Self-levelling compounds	Sealing of (green) Concrete	Metal Roofing	Fibre Cement-/Concrete Roofing	Ceramic Tiles (Adhesives)	Parquet	Efflorescence Resistance	Hydrophobic	Volatile Amine free	Wood Stains	Dispersing Resin	Non-ionic Dispersant	
Water borne systems																											
Thermoplastic non-crosslinking Acrylics																											
UCECRYL® BMR 47	●	●					●		●		●	●					●					●					
UCECRYL B 746	●		●				●		●		●	●	●			●		●			●						
UCECRYL B 1181	●	●				●	●		●		●	●	●			●		●			●	●					
UCECRYL B 1190	●	●					●		●		●	●	●			●		●			●						
UCECRYL B 3009	●	●					●	●			●	●	●					●			●						
UCECRYL B 3010	●	●				●	●	○			●	●	●			●		●			●	●					
UCECRYL B 3014	●	●				●	●	○	○		●	●	●									●					
UCECRYL B 3022	●	●				●	●	○	○		●	●	●											●			
UCECRYL B 3025	●		●				●	●			●	●	●														
UCECRYL B 3035	●	●					●		●		●	●					●										
UCECRYL B 3055	●	●				●	●	●			●	●	●					●			●	●					
UCECRYL B CT 60 D	●	●					●	●			●	●	●					●			●						
Self-crosslinking Acrylics																											
SETAQUA® 6754	●					●	●	●		●	●		●			●		●	●								
SETAQUA 6756	●					●	●					●								●							
Hydroxy-functional Acrylics																											
MACRYNAL® SM 6810w/42WA				●		●	●				●		●			●											
MACRYNAL SM 6826w/43WA				●		●	●			●	●		●			●											
SETAQUA 6511				●		●	●				●		●			●											
SETAQUA 6516				●		●	●			●	●		●			●											
SETAQUA 6522				●		●	●				●		●			●											
Amine-/ Epoxy-functional Acrylics																											
SETAQUA 8455 (amine-functional)				●		●	●					●															
SETAQUA 8556 (epoxy-functional, BPA-free)				●		●	●					●															
Polyurethane Dispersions																											
DAOTAN® TW 6493/35WA	●			●		●	●	●	●	●	●		●							●							
DAOTAN TW 6495/35WA	●			●		●	●	●	●	●	●		●							●							

	Technology					Application															Properties						
	1-component	Straight acrylic	Styrene acrylic	2-component	3-component	Clear	Pigmented	Hardness	Flexibility	Chemical resistance	Coatings	Primers	Topcoats	Mortars / 3k ECC	Self-levelling compounds	Sealing of (green) Concrete	Metal Roofing	Fibre Cement-/Concrete Roofing	Ceramic Tiles (Adhesives)	Parquet	Efflorescence Resistance	Hydrophobic	Volatile Amine free	Wood Stains	Dispersing Resin	Non-ionic Dispersant	
Water borne systems																											
Epoxy resins																											
BECKOPOX™ EP 122w (BPA/F resin, diluted/emulsifiable)				●		●	●	○		●	●	●		●		●			●								
BECKOPOX EP 147w (BPA/F resin, undiluted/emulsifiable)				●		●	●	●		●	●	●				●			●								
BECKOPOX EP 387w/52WA (flexibilized epoxy dispersion)				●		●	●		○		●	●				●											
BECKOPOX EP 2340w/56WA (BPA resin, emulsified)				●		●	●	○		●	●	●				●			●								
BECKOPOX EP 2384w/57WA (solid epoxy dispersion)				●		●	●	●			●	●				●											
Epoxy Hardeners (emulsified)																											
BECKOPOX EH 613w/80WA (aliphatic polyamine adduct)				●		●	●				●	●				●											
BECKOPOX EH 623w/80WA (aliphatic polyamine adduct)				●		●	●			●	●	●		●		●			●								
BECKOPOX VEH 2106w/80WA (aliphatic polyamine adduct)				●		●	●				●	●				●											
BECKOPOX VEH 2177w/80WA (aliphatic polyamine adduct)				●		●	●				●	●				●											
BECKOCURE® EH 2260w/41WA (aliphatic polyamine adduct)				●		●						●				●						●	●				
BECKOCURE EH 2100w/44WA (aliphatic polyamine dispersion)				●		●	●			●	●	●		●		●			●			●	●				
Hydrophobic Polyol Emulsions																											
SETATHANE® D E 2656					●		●	●		●	●			●	○							●					
SETATHANE D E 2761					●		●	●		●	●			●	○							●					
SETATHANE D E 2767					●		●	●		●	●	●		●		●						●					
Additives																											
ADDITOL® VXX 6208	●			●																						●	
SETAQUA® 6301	●			●				●																			
SETAQUA 6302	●			●					●	●																	
SETAQUA 6376	●			●																					●		

● Recommended for

○ Suitable for

Selection tables
Solvent borne systems

	Tech- nology		Application										Properties					
	1-component	2-component	Clear	Pigmented	Coatings	Topcoats	Mortars	Sealing of (green) Concrete	Waterproofing	Fibre Cement-/Concrete Roofing	Road Marking	Parquet	Wood Stains	Hardness	Flexibility	Chemical resistance	Hydrophobic	Wetting- / Anti Settling agent. (Silicone Free)
Solvent borne systems																		
Moisture curing Polyurethanes																		
BECKOCOAT™ PU 428/51XMPAC	●		●	●	●	●		●				●	●	●	●	●		
BECKOCOAT VPU 4204/40LG	●		●	●	●	●		●				●	●	●	●	●		
BECKOCOAT VPU 6072/38LG	●		●	●	●	●		●				●	●	●	●	●		
Hydroxy-functional Acrylics																		
SETALUX® 1753 SS-70		●	●	●	●	●								●		●		
SETALUX D A 160 SN		●	●	●	●	●						●		●	○	●		
Hydroxy-functional Polyesters																		
SETAL® 168 SS-80		●	●	●	●	●						●			●			
SETAL 269 SS-67		●	●	●	●	●								●		●		
Peroxide cured Acrylics (MMA/BA)																		
VIACRYL® VSC 5745		●		●	●				●		●			●	●	○		
VIACRYL VSC 2990		●		●	●				●		●			●	●	○		
Thermoplastic Acrylics (aromatic free)																		
VIACRYL VSC 5721/65BAC	●			●	●						●							
VIACRYL SC 120/50WS	●			●	●		●	●		●					●			
VIACRYL SC 124/50WS	●			●	●									●				
VIACRYL SC 134/50WS165	●			●	●		●								●	●	●	
Thermoplastic Acrylics (aromatic)																		
VIACRYL SC 121/60X	●			●	●	●					●							
VIACRYL SC 121/60LG	●			●	●	●					●							
VIACRYL SC 126/50LG	●			●	●	●					●				●			
Additives																		
ADDITOL® VXW 6387	●	●																●

Selection tables
Solvent-free systems

	Technology			Application										Properties					
	1-component	2-component	3-component	Clear	Pigmented	Self-levelling Compounds	Coatings	Mortars	Scratch Coats	Topcoats	Composites / Casting Compounds	2k Adhesives / Sealants	Hardness	Flexibility	Chemical resistance	Moisture Scavenging	Moisture Curing	Renewable/Sustainable	De-foaming
Solvent-free systems																			
Hydrophobic Polyols																			
SETATHANE® D 1145		●			●	●	●	●	●		●	●	●		●			●	
SETATHANE D 1150		●			●	●	●	●	●		●	●	●	○	●			●	
SETATHANE D 1155		●			●	●	●		●		●	●	○	●	○			●	
SETATHANE D 1160		●			●	●	●		●		●	●	○	●	○			●	
Bisoxazolidine																			
SETA H 2959	●	○		●	●		●			○			○	●	○	●	●		
Additives																			
ADDITOL® VXW 6235		●	●		●			●	●			●							●

- Recommended for
- Suitable for

Selection of products & technologies for Flooring & Construction
Water borne

Product name	Type	% Non-Volatiles	MFFT °C (approx.)	pH	Technical features
Thermoplastic non-crosslinking Acrylics					
UCECRYL® BMR 47	Acrylic emulsion copolymer	55	2	8.5	Low MFFT straight acrylic emulsion copolymer with excellent adhesion to metals. Recommended for use in high solids primers with low water uptake and for metal basecoats.
UCECRYL B 746	Styrene acrylic emulsion copolymer	50	2	8.5	Low MFFT styrene acrylic emulsion copolymer recommended for use in high PVC paints for concrete tiles.
UCECRYL B 1181	Acrylic emulsion copolymer	48	2	7.5	Low MFFT straight acrylic emulsion copolymer. Suitable for fresh concrete, very low water uptake, very good resistance to efflorescence. Typical use in clear coats.
UCECRYL B 1190	Acrylic emulsion copolymer	49	3	8.2	Low MFFT straight acrylic emulsion copolymer. Ammonia free. Paints for concrete tiles with good weathering resistance.
UCECRYL B 3009	Acrylic emulsion copolymer	48	47	8.0	High MFFT straight acrylic emulsion copolymer. Ammonia free. Recommended for use in paints for fibre cement sheets.
UCECRYL B 3010	Acrylic emulsion copolymer	48	19	9.2	Medium MFFT straight acrylic emulsion copolymer. Provides excellent durability, low water uptake, resistance to efflorescence on fibre cement and concrete.
UCECRYL B 3014	Acrylic emulsion copolymer	47	30	8.2	Medium MFFT straight acrylic emulsion copolymer. Clear and pigmented coatings with good resistance to water whitening and low water absorption.
UCECRYL B 3022	Acrylic emulsion copolymer	44	12	8.8	Medium MFFT straight acrylic emulsion copolymer with good resistance to water whitening. For formulation of low VOC (<50g/l), semi- transparent vertical stains on multiple wood species.
UCECRYL B 3025	Styrene acrylic emulsion copolymer	50	55	8.5	High MFFT styrene acrylic emulsion copolymer. Recommended for use in concrete floor coatings and renovation paints for metal sidings.
UCECRYL B 3035	Acrylic emulsion copolymer	52	2	8.5	Low MFFT straight acrylic emulsion copolymer with excellent adhesion to metals. Recommended for use in basecoats with low water uptake and good flexibility.
UCECRYL B 3055	Acrylic emulsion copolymer	48	41	8.5	High MFFT straight acrylic emulsion copolymer. Recommended for hydrophobic paints for fibre cement sheets.
UCECRYL B CT 60 D	Acrylic emulsion copolymer	46	46	8.7	High MFFT straight acrylic emulsion copolymer. Recommended for paints for fibre cement sheets.
Self-crosslinking Acrylics					
SETAQUA® 6754	Self-crosslinking Acrylic dispersion, surfactant free	40	58	9.0	Excellent chemical resistance, high hardness, good adhesion on various substrates.
SETAQUA 6756	Self-crosslinking Acrylic dispersion, surfactant free	40	15	8.0	Excellent sandability, in-can clarity, wood wetting and ‘anfeuerung’, fast drying.
Modifier					
SETAQUA 6301	Acrylic dispersion	40	> 60	5.0	Co-binder used to improve hardness and block resistance.
SETAQUA 6302	Copolymer stabilised dispersion	50	< 5	8.0	Pigment dispersing resin used to improve stain and water resistance, more flexible.
SETAQUA 6376	Copolymer stabilised dispersion	50	50	8.0	Pigment dispersing resin used to improve stain and water resistance.
Hydroxy-functional Acrylics					
MACRYNAL® SM 6810w/42WA	Acrylic polyol dispersion, 4.1% OH*	42	-	8.2 - 9.0	High quality two-component topcoats with excellent applicability and appearance. Excellent popping resistance.
MACRYNAL SM 6826w/43WA	Acrylic polyol dispersion, 4.4% OH*	43	14	6.7 - 7.7	Very high dry film thickness (>150 µm) without defects. Fast surface drying, shear stable with high pigment loading possible. For top quality two-component polyurethane coatings, in particular primer surfacers/fillers and matt topcoats and clear coats.
SETAQUA 6511	Acrylic polyol emulsion, 4.2% OH*	47	-	8.0	Excellent gloss and chemical resistance, suitable for thicker layers, for 2-component applications.
SETAQUA 6516	Acrylic polyol emulsion, 3.5% OH*	40	-	8.0	Very good gloss and excellent chemical resistance, fast drying, for 2-component applications.
SETAQUA 6522	Acrylic polyol dispersion, 2.4% OH*	42	-	8.0	Very fast drying, compatible with acrylic polyol to improve drying, for 2-component applications.
Amine-/ Epoxy-functional Acrylics					
SETAQUA 8455 (amine-functional)	Amine-functional Acrylic emulsion	36	-	9.0 - 10.5	Amine functional acrylic emulsion (AEW = 655 g/eq as supplied). Use in combination with SETAQUA® 8455 for 2k NCO-/BPA-/Tin-free primer formulations.
SETAQUA 8556 (epoxy-functional, BPA-free)	Epoxy-functional Acrylic Dispersion	50	20	8.0 - 9.0	Epoxy functional acrylic dispersion (EEW = 621 g/eq as supplied). APEO and co-solvent free. Used in combination with SETAQUA 8455. Gives fast drying and good water resistance.

* on solids

Selection of products & technologies for Flooring & Construction
Water Borne

Product name	Type	% Non-volatiles	Viscosity (23°C/mPa·s)	pH	Neutraliza-tion	Elongation (%)	Solvents	Technical features
Polyurethane Dispersions								
DAOTAN® TW 6493/35WA	Polyurethane Dispersion (Aliphatic Polyester)	35	75	9.8	TEA (as salt)	30	WA	Glossy and flat topcoats and parquet laquers. High film hardness, high elasticity and toughness, quick physical drying.
DAOTAN TW 6495/35WA	Polyurethane Dispersion (Aliphatic Polyester)	35	75	8.6	DMEA		WA	Very good adhesion to plastic substrates like e.g. ABS, PVC, PC, PMMA. High elasticity and toughness, excellent mechanical properties (especially stone chip resistance), little yellowing at elevated temperature.

Product name	% Non-volatiles	Viscosity (23°C/mPa·s)	Density (kg/liter)	AEW (as supplied)	EEW (as supplied)	Solvents	Technical features
Epoxy resins							
BECKOPOX™ EP 122w	100	800	1.11	n.a.	195		Emulsifiable, non-crystalizing Bis-A/Bis-F liquid epoxy resin with reactive diluent for low viscosity. Used for concrete coatings, joint compounds, tile adhesives and hydraulic epoxy mortars. Contains APEO.
BECKOPOX EP 147w	100	1100	1.17	n.a.	194		Water emulsifiable Bis-A/Bis-F, non-crystallizing, liquid epoxy. High abrasion resistance, good chemical resistance. Combine with solid epoxy dispersions to improve penetration into concrete and chemical resistance. Used for coatings on mineral substrates, adhesives and water-washable joint compounds for tile.
BECKOPOX EP 387w/52WA	55	900	1.08	n.a.	1000	WA / MP	Flexibilized epoxy dispersion with excellent corrosion resistance. Developed to optimize formulation cost and performance. Used on concrete in combination with liquid epoxy resin.
BECKOPOX EP 2340w/56WA	45	450	1.10	n.a.	430	WA	A-liquid epoxy resin, modified, emulsified in water for coatings on mineral and metal substrates.
BECKOPOX EP 2384w/57WA	57	800	1.09	n.a.	750	WA	Solvent free, shear stable type 1 epoxy dispersion. Fast drying and hardness development. For both mineral and metallic substrates.
Epoxy Hardeners (emulsified)							
BECKOPOX EH 613w/80WA	80	27000	1.10	145	n.a.	WA	Aliphatic polyamine adduct, fast drying, highly reactive hardener. High chemical resistance. Can be used alone or in combination with other hardeners to modify drying and pot life properties. For both metallic and mineral substrates.
BECKOPOX EH 623w/80WA	80	16000	1.10	200	n.a.	WA	Aliphatic polyamine adduct with medium reactivity with a good balance of drying time and long pot life. Workhorse hardener for mineral substrates.
BECKOPOX VEH 2106w/80WA	80	18000	1.08	142	n.a.	WA	Aliphatic polyamine adduct, visual end of pot life with increase of viscosity. Used as a combination partner with other hardeners to allow potlife indication. For both metallic and mineral substrates.
BECKOPOX VEH 2177w/80WA	80	9500	1.10	175	n.a.	WA / i-Pro	Aliphatic polyamine adduct : More reactive than BECKOPOX™ EH 623w and is especially suited for coatings on mineral substrates together with BECKOPOX EP 2384w.
BECKOCURE® EH 2100w/44WA	44	550	1.07	570	n.a.	WA	To be used with Liquid Epoxies and /or Epoxy Dispersions (perfect compatibility). Free of volatile amines. Fast drying time/return to service, also at lower temp. Hot-tire resistance.
BECKOCURE EH 2260w/41WA	41	1000	1.06	1000	n.a.	WA	Easy Cure System - low viscosity hardener, very fast drying, high sag resistance. Combine with BECKOPOX EP 2384w or BECKOPOX EP 387w for easy handling and application with fast return to service for metal applications.

Product name	% OH (on solids)	NV (%)	Viscosity (23°C/mPa·s)	pH	HEW (as supplied)	Density (kg/liter)	Solvents	Technical features
Hydrophobic Polyol Emulsions								
SETATHANE® D E 2656	4.3	70	250	7.0	565	0.97	WA	Excellent resistance to organic and inorganic acids, alkalis and solvents. Higher flexural strength.
SETATHANE D E 2761	3.6	70	250	7.0	680	0.99	WA	Excellent resistance to organic and inorganic acids, alkalis and solvents. Thermal shock resistant.
SETATHANE D E 2767	18	90	1200	6.5	110	1.00	WA	Extreme resistance to organic and inorganic acids, alkalis and solvents. Can be used for primers.

Product name	Additive type	Dosage (on solids)	Active content (%)	SB. WB. Universal	Technical features
Additives					
ADDITOL® VXW 6208	High MW polymer, non-ionic	3-10% inorg.pigm. 15-50% org.pigm.	50	WB	Highly efficient dispersing additive for all pigment types. The non-ionic polymer structure allows utilization in sensitive formulations such as WB epoxy systems. Highly recommended for anti-corrosive systems, for both direct grinding and pigment concentrates.

Selection of products & technologies for Flooring & Construction
Solvent borne

Product name	OH % (on solids)	HEW (as supplied)	NV %	Solvents	Viscosity (23°C. / mPa·s)	AV in mg KOH/g (as supplied)	Color (max. value)	Density (23°C. / kg/l)	Technical features
Hydroxy-functional Acrylics									
SETALUX® 1753 SS-70	4.2	580	70	BuAc	5000	10	35 APHA	1.04	Fast drying topcoats, high build and gloss, excellent mechanical properties and chemical resistance, practically no yellowing under UV-light, high solids content at application viscosity.
SETALUX D A 160 SN	1.3 - 1.9	1065	60	SN	2800	4	50 Hazen	1.00	Good weather stability and good resistance to water, washing solutions and chemicals.
Hydroxy-functional Polyesters									
SETAL® 168 SS-80	4.3	500	79	BuAc / Xyl	2400	max. 1.7	100 APHA	1.10	High flexibility, even at low temperatures. Good outdoor durability.
SETAL 269 SS-67	8,0	250	68	MPA	13000 - 18000	max. 2.8	150 APHA	1.08	Excellent outdoor durability, excellent solvent and chemical resistance.
Peroxide cured Acrylics (MMA/BA)									
VIACRYL® VSC 5745	n.a.	n.a.	40	MMA/BA monomer	60 - 115	25	25 Iodine	1.06	Hard-elastic adjusted basis resin for high-grade two-component thick-layer roadmarking paints with very good weather and abrasion resistance.
VIACRYL VSC 2990	n.a.	n.a.	36	MMA/BA monomer	40 - 140	18	200 Hazen	0.99	Highly elastic adjusted basis resin for high-grade two-component thick-layer roadmarking paints with very good weather and abrasion stability.
Thermoplastic Acrylics (aromatic free)									
VIACRYL VSC 5721/65BAC	n.a.	n.a.	65	BuAc	300 - 600	22 - 32	10 Iodine	0.98	Binder for non-aromatic roadmarking paints with high solid content.
VIACRYL SC 120/50WS	n.a.	n.a.	50	WS	1200 - 2400		5 Iodine	0.90	Binder for heavily filled paints for exterior walls, interior walls, Eternit, concrete and for brush-able mortars.
VIACRYL SC 124/50WS	n.a.	n.a.	50	WS	3500 - 8000	5	5 Iodine	0.90	Maintenance paints, architectural paints. Air-drying and forced drying industrial enamels. Satin gloss enamels and flat structured enamels.
VIACRYL SC 134/50WS165	n.a.	n.a.	50	WS	1500 - 3000	3	200 Hazen	0.87	Binder for full tone masonry paints or resin modified plasters.
Thermoplastic Acrylics (aromatic)									
VIACRYL SC 121/60X	n.a.	n.a.	60	Xyl	5000 - 9000	15 - 25	3 Iodine	1.00	Binder for road-marking paints. Fast drying primers, top coats for nonferrous metal and plastic substrates.
VIACRYL SC 121/60LG	n.a.	n.a.	60	Mixture	3500 - 5500	< 25	3 Iodine	1.00	Binder for road-marking paints. Fast drying primers, top coats for nonferrous metal and plastic substrates.
VIACRYL SC 126/50LG	n.a.	n.a.	50	Mixture	360 - 930	7 - 15	3 Iodine	0.94	Binder for road marking paints. Rapid solvent release, excellent adhesion. Fast drying.

Product name	NV %	Solvents	Viscosity (23°C. / mPa·s)	Density (23°C. / kg/l)	Technical features
Moisture curing Polyurethanes					
BECKOCOAT™ PU 428/51XMPAC	51	Xyl / MPA	290 - 590	0.99	Rapid curing, radiant brilliance, superior abrasion resistance, outstanding impact resistance and adhesion.
BECKOCOAT VPU 4204/40LG	40	SN / MPA / Xyl	160 - 370	0.98	Rapid curing, good abrasion resistance and excellent resistance to chemicals. Contains matting agent.
BECKOCOAT VPU 6072/38LG	38	SN / MPA	35 - 140	1.00	Free TDI < 0.5 % (as supplied), rapid curing, very high gloss, excellent durability, high impact resistance and good adhesion.

Product name	NV %	Solvents	Viscosity (23°C. / mPa·s)	Density (23°C. / kg/l)	Technical features
Additives					
ADDITOL® VXW 6387	45.5 - 48.5	Mixture	50 - 150	0.95	Rheology modifier to prevent pigment sedimentaion and for improved sagging control and storage stability.

BuAc

MP

MPA

SN

Butyl acetate

Methoxy Propanol

Methoxypropyl acetate

Solvent naphtha

WA

WS

Xyl

Demineralized water

White Spirit

Xylene

Selection of products & technologies for Flooring & Construction
Solvent-free

Product name	OH % (on solids)	HEW (as supplied)	NV %	Viscosity (23°C. / mPa·s)	AV in mg KOH/g (as supplied)	Color (max. value)	Density (23°C. / kg/l)	Technical features
Polyether-ester Polyols								
SETATHANE® D 1145	7.1	240	100	2950	max. 2	5 Iodine	1.01	Tough, hard-wearing, higher chemical resistance. Shore D typically around 80°. **
SETATHANE D 1150	4.7	360	100	3500	max. 2	5 Iodine	1.01	Standard grade. Tough yet flexible. Hard-wearing and chemical resistant. Shore D typically around 70°. **
SETATHANE D 1155	5.0	340	100	425	max. 2	5 Iodine	0.99	Reactive diluent, used in combination with other SETATHANE® D grades to lower viscosity, hardness and to increase flexibility and potlife.
Polyester Polyol								
SETATHANE D 1160	5.4	315	100	1000	1.7	5 Iodine	0.99	High flexibility, lower hardness, retaining mechanical strenght. Elastomeric nature. Shore A around 80°. ** Specifically designed for comfort-flooring, sports-flooring and insulation layers.

**with a typical MDI tpe of isocyanate at 110% cure ratio.

Product name	OH % (on solids)	Equivalent weight (as supplied)	NV %	Viscosity (23°C. / mPa·s)	AV in mg KOH/g (as supplied)	Color (max. value)	Density (23°C. / kg/l)	Technical features
Bisoxazolidine								
SETA H 2959	-	330 (NH) 330 (OH)	100	3000	n.a.	4 Iodine	1.07	Latent hardener for polyisocyanates in one-component moisture cured systems for outdoor applications; homogeneous and blister free hardening of coatings, membranes and sealants.

Product name	NV %	Density (23°C. / kg/l)	Sieve Analysis (%) (asiev 600µm; 50 g)	Residue on Ignition (%)	Technical features
Additives					
ADDITOL® VXW 6235	100	0.52	0.4	34 - 39	Rapid foam retardation in aqueous mortar and screed formulations. It is mainly recommended for emulsion paints, 2-/3-component epoxy systems, plasters, filling compounds, flooring compounds, (tile) adhesives and WB non glossy coatings. ADDITOL® VXW 6235 gives rapid results that remains effective upon storage. Flow properties are not affected. Pin hole free films are obtained.



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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