

Advanced Materials: Polymers and additives Technical data and applications

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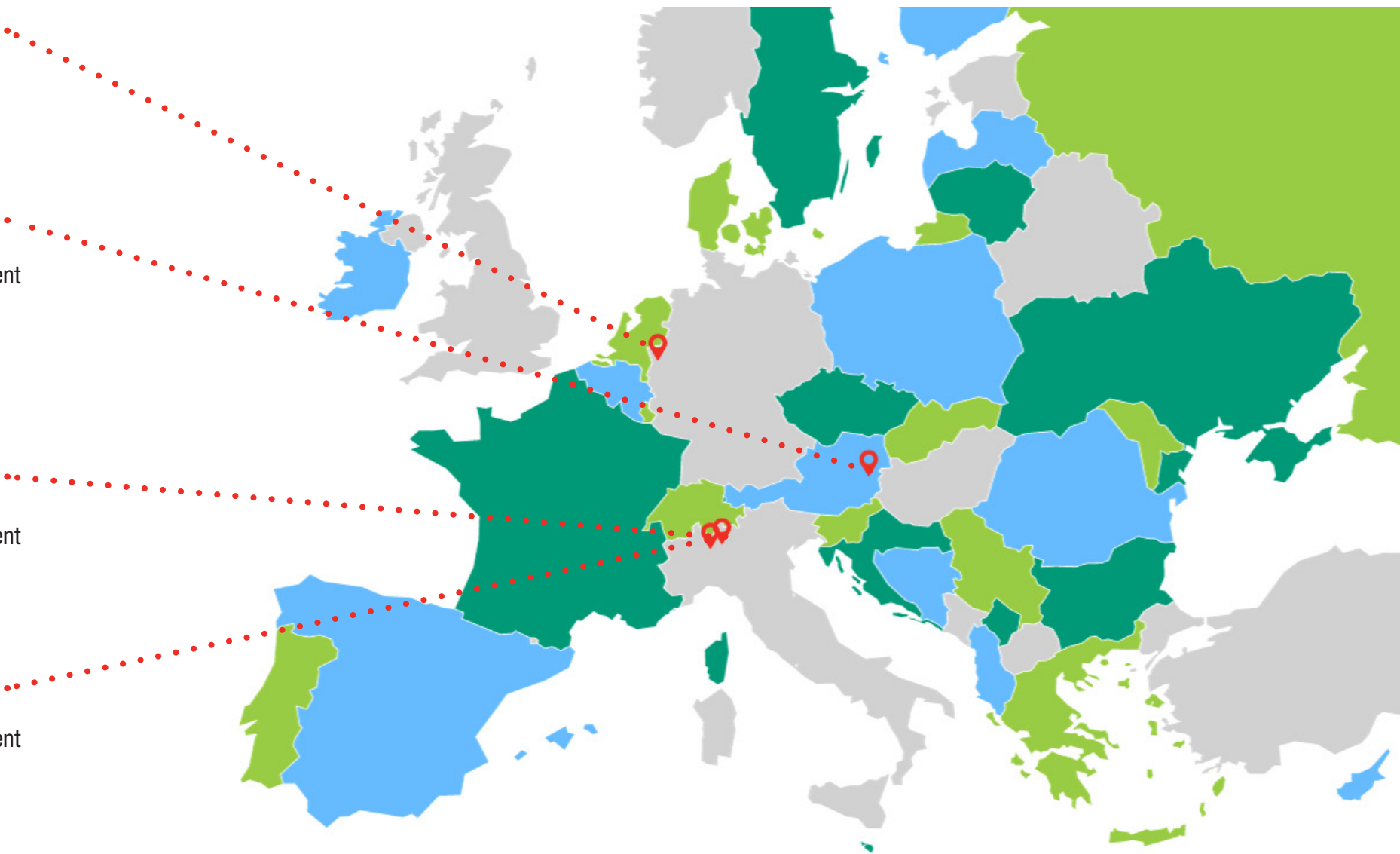
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Sun Chemical Advanced Materials offer a wide variety of products for coatings, printing inks, adhesives, sealants and many other applications.

This range is designed to meet the needs of the automotive, industrial, aerospace, textile, decorative and architectural markets.

Introducing our comprehensive product portfolio, we deliver a broad array of solutions and tailor-made products to meet the demand of our customers around the world.

Innovation and quality are the foundations of our company, dedicated to redefining the standards of performance, safety, and reliability in every application.

In our portfolio you will find a diverse range of polyesters, acrylics, polyurethane and other resins, complemented by a variety of isocyanate hardeners and prepolymers to elevate your projects to the next level.

With more than 70 years of experience in resin production, we can transform your unique requirements into state-of-the-art coatings, printing inks and adhesives.

Experience Transformation with Sun Chemical Advanced Materials as your valuable partner in innovation.



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		Page	Product family	Brand name	Wood	Metal	Plastic	Concrete	Leather & textile	Glass
Products for Coatings	Polyisocyanates for SB systems	P7	ALIPHATIC POLYISOCYANATES	POLURENE / POLURGREEN	X	X	X	X	X	X
		P8	ALIPHATIC-AROMATIC ISOCYANURATES	POLURENE / POLURGREEN	X	X	X	X		X
		P9	AROMATIC ISOCYANURATES	POLURENE / POLURGREEN	X	X				
		P10	AROMATIC ADDUCTS	POLURENE / POLURGREEN	X	X	X	X	X	X
		P10	BLOCKED ISOCYANATES FOR BAKING APPLICATION	POLURENE BK		X			X	
		P11	MOISTURE CURING PREPOLYMERS	UCOPOL M / POLURGREEN MC	X	X		X		
	Resins For SB Systems	P12	SHORT OIL ALKYDS	REXIN	X					
		P12	HIGH PERFORMANCE ALKYDS	REXIN	X	X		X		
		P12	SPECIAL RESINS	REXIN	X	X	X			
		P14	SATURATED POLYESTER RESINS	BURNOCK / REXIN	X	X	X	X		
		P14	URETHANE MODIFIED EPOXIDE	BURNOCK EP		X		X		
		P14	ALIPHATIC THERMOPLASTIC POLYURETHANE	UCOFLEX				X	X	
		P16	AIR DRYING URETHANE MODIFIED OILS AND ALKYDS	UCOPOL OL	X	X				
		P17	ACRYLICS, CPO modified	BURNOCK AC			X			
		P17	ACRYLICS, thermoplastics	BURNOCK AC	X	X	X	X		
		P17	ACRYLICS, OH functional	BURNOCK AC	X	X	X	X		
	Resins and hardeners for WB systems	P19	HYDROPHILIC POLYISOCYANATES	HYDRORENE AW	X		X	X	X	X
		P19	HYDROPHOBIC - HYDROPHILIC POLYISOCYANATES	BURNOCK PU / HYDRORENE AW	X	X	X	X	X	X
		P20	POLYURETHANE DISPERSIONS	BLUEPUR / WATERSOL PU	X	X	X	X	X	X
		P20	EPOXY ESTER EMULSIONS	WATERSOL HY		X	X	X		X
		P20	WATER DILUTABLE EPOXY ESTER	WATERSOL EP		X		X		X
		P22	ACRYLIC EMULSIONS, selfcrosslinking	BLUECRYL	X			X		
		P22	ACRYLIC EMULSIONS, OH functional	BLUECRYL / WATERSOL AC	X	X	X	X		X
		P24	ACRYLIC POWDERS WITH GLYCIDYL FUNCTIONALITY	FINEPLUS AC		X	X			X
		P25	ADDITIVES	POLURENADD / DICNATE	X	X	X	X	X	X

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		Page	Product family	Brand name	Wood	Metal	Plastic	Concrete	Leather & textile	Glass
Products for Printing	Resins	P26	POLYISOCYANATES	POLURENE / POLURGREEN			X			
		P27	POLYESTER RESINS	REXIN			X			
		P28	THERMOPLASTIC POLYURETHANES	BURNOCK PU / POLURENE			X			
Products for adhesives, sealants and elastomers	Polyisocyanates	P29	ALIPHATIC POLYISOCYANATES	POLURENE / POLURGREEN	X	X	X	X	X	X
		P30	POLYISOCYANATES FROM TDI	POLURENE / POLURGREEN	X	X	X		X	
		P30	MIXED ISOCYANURATE FROM TDI/HDI	POLURENE	X	X	X		X	
		P30	SPECIAL POLYISOCYANATES	POLURENE	X	X	X	X		
		P31	ALIPHATIC PREPOLYMERS	POLURGREEN	X	X	X	X	X	X
		P31	AROMATIC PREPOLYMERS FROM TDI	POLURGREEN	X	X	X	X	X	X
		P31	AROMATIC PREPOLYMERS FROM MDI	POLURGREEN	X	X	X	X	X	X
		P32	AROMATIC POLYISOCYANATES FROM MDI	POLURENE / UCOPOL M	X	X	X	X	X	X
		P33	HYDROPHILIC POLYISOCYANATES	HYDRORENE AW	X		X	X	X	X
		P33	HYDROPHOBIC - HYDROPHILIC POLYISOCYANATES	BURNOCK PU / HYDRORENE AW	X	X	X	X	X	X
		P34	BLOCKED PREPOLYMERS	POLURGREEN LP	X	X		X		
	Resins	P35	HIGH SOLID ALKYDS	REXIN	X			X		X
		P35	SATURATED POLYESTER RESINS	REXIN / BURNOCK	X	X	X		X	X
	Polyesters for hot melts	P36	AMORPHOUS LINEAR POLYESTER POLYOLS	FINEPLUS HM	X	X				
		P36	LIQUID LINEAR POLYESTER POLYOLS	FINEPLUS HM	X		X			
		P37	CRYSTALLINE LINEAR POLYESTER POLYOLS	FINEPLUS HM	X					
		P38	AROMATIC PREPOLYMERS FOR CASTING	POLURCAST						X
		P39	POLYISOCYANATES FOR FOOTWEAR	UNI-DUR					X	X

Isocyanate monomers

TDI	TOLUENE DIISOCYANATE
HDI	HEXAMETHYLENE DIISOCYANATE
MDI	METHYLENE DIPHENYL DIISOCYANATE
IPDI	ISOPHORONE DIISOCYANATE
TPTI	TRIS (p-ISOCYANATOPHENYL) THIOPHOSPHATE
PTSI	p-TOLUENESULFONYL ISOCYANATE

Solvents

EA	ETHYL ACETATE
BA	BUTYL ACETATE
MPA	METHOXYPROPYL ACETATE
iBA	ISOBUTYL ACETATE
AAc	AMYL ACETATE
MIBK	METHYL ISOBUTYL KETONE
MEK	METHYL ETHYL KETONE
DPGDME	DIPROPYLENE GLYCOL DIMETHYL ETHER
DOA	DIOCTYL ADIAPATE
X	XYLENE
WD	WHITE SPIRIT
N	SOLVESSO 100
EtOH	ETHANOL
BuOH	BUTANOL
IB	ISOBUTANOL
MP	METHOXYPROPANOL
BG	BUTYL GLYCOL
FAME	FATTY ACIDS METHYL ESTER

Technical parameters

% SOLIDS	SOLID CONTENT BY WEIGHT
VISCOSITY	BROOKFIELD
OH VALUE	ON DELIVERY FORM
ACID VALUE	ON DELIVERY FORM
NCO %	ON DELIVERY FORM
THIX	THIXOTROPIC BEHAVIOUR



Aliphatic polyisocyanates

Technical Data										Formulations							Substrates							Performances											
Name	NCO TYPE	NCO FORM	SOLVENTS	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (HAZEN)	1K	2K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	SANDING	FAST FILM FORMING	POT LIFE	MATTING	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE
POLURGREN MC 1180 01 	HDI	P	MPA	80	11.5	0.10	800	365	100	X		X	X	X	X		X			X						2	3	1	1	2	3	2	3	3	3
POLURENE T 70	IPDI	T	BA	70	12.5	0.50	900	336	80		X			X	X	X	X	X		X			X		X	2	3	3	1	2	2	3	3	1	3
POLURENE T 70 EA	IPDI	T	EA	70	12.5	0.50	400	336	80		X			X	X	X	X	X		X			X		X	2	3	3	1	2	2	3	3	1	3
POLURGREN XP 1830 01 	HDI	P	BA	80	13.7	0.10	700	307	60		X			X	X	X	X	X	X	X		X	X		X	1	1	2	1	2	3	1	2	0	3
POLURENE M 75	HDI	B	X / MPA	75	16.5	0.38	250	255	40		X			X	X	X	X	X	X	X		X	X	X	X	1	1	3	1	2	3	1	2	0	3
POLURENE M 75 BA	HDI	B	BA	75	16.5	0.50	150	255	40		X			X	X	X	X	X	X	X		X	X	X	X	1	1	3	1	2	3	1	2	0	3
POLURGREN MT 75 01 	HDI	T	X / MPA	75	16.5	0.10	100	255	40		X			X	X	X	X	X	X	X		X	X	X	X	1	1	3	1	2	2	1	2	0	3
POLURGREN MT 90 01 	HDI	T	BA / N	90	19.8	0.10	550	212	40		X			X	X	X	X	X	X	X		X	X	X	X	1	1	3	1	2	2	1	2	0	3
POLURGREN MT 90 BA 01 	HDI	T	BA	90	19.8	0.10	500	212	40		X			X	X	X	X	X	X	X		X	X	X	X	1	1	3	1	2	2	1	2	0	3
POLURGREN MT 100 HV 01 	HDI	T	-	100	21.0	0.10	5000	200	80		X			X	X	X	X	X	X	X		X	X	X	X	1	2	3	1	2	2	1	2	0	3
POLURGREN MT 100 01 	HDI	T	-	100	22.0	0.10	2500	191	40		X			X	X	X	X	X	X	X		X	X	X	X	1	1	3	1	2	2	1	2	0	3
POLURGREN MT 100 LV 01 	HDI	T	-	100	23.0	0.10	1200	183	40		X			X	X	X	X	X		X		X	X	X	X	1	1	3	1	2	2	1	2	0	3
POLURGREN MT 100 LLV 01 	HDI	T	-	100	23.0	0.10	700	183	60		X			X	X	X	X	X		X		X	X	X	X	1	1	3	1	2	2	1	2	0	3

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Aliphatic aromatic isocyanurates

Name	Technical Data									Formulations							Substrates								Performances										
	NCO TYPE	NCO FORM	SOLVENTS	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	SANDING	FAST FILM FORMING	POT LIFE	MATTING	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE
POLURENE OK HP	TDI / HDI	T	BA	60	9.8	0.5	350	429	1		X	X		X	X	X	X	X	X	X	X	X				2	2	2	1	3	2	2	2	0	2
POLURGREN OK HD 01	TDI / HDI	T	BA	60	10.0	0.1	400	420	1		X	X		X	X	X	X	X	X	X	X	X				2	2	1	1	3	2	2	2	0	2
POLURGREN OK 01	TDI / HDI	T	BA	60	10.1	0.1	800	416	1		X	X	X	X	X	X	X	X	X	X		X				2	2	0	2	2	2	2	2	0	2
POLURENE OKD	TDI / HDI	T	BA	60	10.2	0.5	800	412	1		X	X	X	X	X	X	X	X	X	X		X				2	2	0	2	2	2	2	2	0	2
POLURENE OKD EA	TDI / HDI	T	EA	60	10.2	0.5	350	412	1		X	X		X	X	X	X	X	X	X		X	X			2	2	0	2	2	2	2	2	0	2
POLURENE OKDS	TDI / HDI	T	BA	60	10.5	0.5	2200	400	1		X	X		X	X	X	X	X	X			X	X			2	2	1	1	3	2	2	2	0	2
POLURENE 2391	TDI / IPDI	T	BA	70	11.8	0.2	1100	356	2		X	X	X		X		X	X	X			X	X			2	2	1	1	3	2	2	2	0	2

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

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Aromatic isocyanurates

Technical Data										Formulations							Substrates							Performances											
Name	NCO TYPE	NCO FORM	SOLVENTS	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	SANDING	FAST FILM FORMING	POT LIFE	MATTING	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE
POLURGREN IR 7050 BA 01 	TDI	T	BA	50	7.0	0.1	600	600	1		X	X	X	X	X	X	X	X			X	X				3	3	2	2	2	1	3	1	1	1
POLURENE AC 510	TDI	T	BA	50	7.2	1.0	200	584	1		X	X	X	X	X	X	X	X			X					3	3	2	2	2	1	3	1	1	1
POLURENE HRBS	TDI	T	BA	50	7.2	0.5	600	584	1		X	X	X	X	X	X	X	X			X					3	3	1	2	2	1	3	1	1	1
POLURGREN IR 01 	TDI	T	BA	50	7.9	0.1	1050	532	1		X	X	X	X	X	X	X	X			X					3	3	0	3	1	1	3	1	1	1
POLURENE IR 51 BA	TDI	T	BA	50	8.0	0.5	950	525	1		X	X	X	X	X	X	X	X			X					3	3	0	3	1	1	3	1	1	1
POLURENE 7581	TDI	T	BA	50	8.0	0.5	350	525	1		X	X	X	X	X	X	X				X					3	3	1	2	2	1	3	1	1	1
POLURGREN SB 50 BA 01 	TDI	T	BA	50	8.0	0.1	450	525	1		X	X	X	X	X	X	X	X			X	X				3	2	2	2	2	1	3	2	1	1
POLURENE SB 50 BA	TDI	T	BA	50	8.2	0.5	400	512	1		X	X	X	X	X	X	X	X			X					3	2	2	2	2	1	3	2	1	1
POLURENE 3031	TDI	T	BA	50	8.7	0.5	450	483	1		X	X	X	X	X	X	X				X					2	2	3	2	2	1	2	1	1	1

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

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Aromatic adducts

Name	Technical Data									Formulations							Substrates							Performances											
	NCO TYPE	NCO FORM	SOLVENTS	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	SANDING	FAST FILM FORMING	POT LIFE	MATting	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE
POLURGREN 60T	TDI	A	BA	60	9.7	0.1	1600	433	1		X	X	X	X	X	X	X	X	X		X	X			X	2	1	3	1	3	2	2	2	1	1
POLURENE 60T	TDI	A	BA	60	9.7	0.5	1600	433	1		X	X	X	X	X	X	X	X	X		X	X			X	2	1	3	1	3	2	2	2	1	1
POLURGREN AD 67 MPAX 01	TDI	A	X / MPA	67	11.3	0.1	1500	372	1		X	X	X	X	X	X	X	X	X	X	X	X	X		X	1	1	3	1	3	3	2	2	0	1
POLURGREN AD 67 BA 01	TDI	A	BA	67	11.8	0.1	600	356	1		X	X	X	X	X	X	X	X	X	X	X	X	X		X	1	1	3	1	3	3	2	2	0	1
POLURGREN AD 01	TDI	A	EA	75	13.0	0.1	2100	323	1		X	X	X	X	X	X	X	X	X	X	X	X	X		X	1	1	3	1	3	3	2	2	0	1
POLURENE AD	TDI	A	EA	75	13.0	0.5	2100	323	1		X	X	X	X	X	X	X	X	X	X	X	X	X		X	1	1	3	1	3	3	2	2	0	1

Blocked polyisocyanates for baking application

																							DEBL. TEMP.												
POLURENE BK 5250 MPA EA 	TDI	P	MPA / EA	50	6.1	0.1	100	689	3	X		X	X	X	X	X		X	X						X	130	°C		1	3	1	3	2	-	1
POLURENE BK 1175 	HDI	T	N	75	11.1	0.1	3750	379	1	X		X	X	X	X	X		X	X						X	150	°C		2	2	3	2	2	-	3

Key: A Adduct | B Biuret | P Prepolymer | T Trimer
 : Conforms to REACH restrictions on isocyanic monomers

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Moisture curing prepolymers

Technical Data										Formulations							Substrates							Performances											
Name	NCO TYPE	NCO FORM	SOLVENTS	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	SANDING	FAST FILM FORMING	POT LIFE	MATTING	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE
UCOPOL M 505	TDI	P	BA / EA	53	4.8	0.5	<50	875	1	X			X	X	X		X			X						3	3	0	1	3	2	2	3	3	1
UCOPOL M 33 60	TDI	P	X / MPA	60	5.8	0.5	400	724	1	X			X	X	X		X			X						3	3	0	1	3	2	2	3	3	1
UCOPOL M 4054	TDI	P	X / MPA	60	6.5	0.5	350	646	2	X			X	X	X		X			X						3	3	0	1	3	2	2	3	3	1
POLURGREEN MC 6760 MPAX 01 	TDI	P	X / MPA	60	6.7	0.1	500	627	3	X			X	X	X		X			X						3	3	0	1	3	2	2	3	3	1
POLURENE MD 50 EA	MDI	P	EA	50	7.1	3.0	50	592	1	X	X	X			X		X									3	3	1	1	1	1	2	2	2	0
POLURGREEN MC 5860 MPAX 01 	TDI	P	X / MPA	60	7.5	0.1	1100	560	2	X			X	X	X		X			X						3	3	0	1	3	2	2	3	3	1
POLURGREEN MC 1180 MPA 01 	HDI	P	MPA	80	11.5	0.1	800	365	1	X		X	X	X	X		X			X						2	3	1	1	2	3	2	3	3	3

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Short oil alkyds

Technical Data												Formulations								Application Field								
NAME	% SOLIDS	SOLVENT	OIL LENGTH	OIL TYPE	VISCOSITY (mPa.s, 23°C)	ACID VALUE (mg KOH/g)	OH VALUE (mg KOH/g)	OH % as supplied	OH % on solids	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	PIGMENTED PASTE	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	INDUSTRIAL WOOD	INDUSTRIAL FLOORING	AUTOMOTIVE INTERIOR	AUTOMOTIVE EXTERIOR	HOUSEHOLD APPLIANCES	GENERAL INDUSTRY	WATERPROOF MEMBRANE	ARTIFICIAL LEATHER	ARCHITECTURAL
REXIN 129 50 X	50	X	32	OLIVE	1800	18	55	1.6	3.2	1020	5		X		X	X	X	X	X	X								
REXIN C760	60	X	31	OLIVE / CASTOR	6000	7	80	2.4	4.0	702	5		X		X	X	X	X	X	X								
REXIN DS 214 80 BA	80	BA	26	OLIVE	750	10	110	3.3	4.2	510	5		X		X	X	X	X	X	X								
REXIN DP 343	60	X	45	CASTOR	2500	15	100	3.0	5.0	561	6		X		X	X		X	X	X								
REXIN 1733 65 BA	65	BA	30	CASTOR / SOYA	7000	15	125	3.8	5.8	449	6		X		X	X		X	X	X								

High performance alkyds

REXIN HG 60 X	60	X	30	OLIVE / SYNTHETIC	3600	20	70	2.1	3.5	801	1		X		X	X	X	X	X	X								
REXIN 590 70 BA	70	BA	26	OLIVE	3100	12	100	3.0	4.3	561	2		X		X	X	X	X	X	X								
REXIN DP 328	70	BA	33	H.CASTOR	4000	13	110	3.3	4.7	511	3		X		X	X	X	X	X	X								
REXIN DP 127	70	BA	15	SYNTHETIC	2600	10	125	3.8	5.4	449	1		X	X		X	X	X	X	X	X				X			
REXIN HSP 05100	100	-	33	CASTOR	28000	15	210	6.4	6.4	267	3		X		X	X	X	X	X	X	X					X		X

Special resins

REXIN 2268	80	X	30	SYNTHETIC	4500	15	115	3.5	4.4	488	1		X	X			X	X	X	X			X		X			
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Short oil alkyds

NAME	Performances															Substrates										Compatibility							
	SANDING	MATting	FULLNESS	FLEXIBILITY	RECOATABILITY	WETTABILITY	CHEMICAL RESISTANCE	HARDNESS	POLISHABILITY	ABRASION RESISTANCE	TRANSPARENCY	OUTDOOR	MECHANICAL RESISTANCE	CORROSION PROTECTION	SELF LEVELLING	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	ACID CURING	ESTER	KETONE	NITROCELLULOSE	CAB / CAP	MELAMINE	ACRYLIC	EPOXY	VINYL
REXIN 129 50 X	3	3	2	0	2	1	1	3	1	1	2	0	1	1	2	X									X	X	X						
REXIN C760	2	2	2	2	2	2	1	2	2	2	2	0	2	1	2	X	X								X	X	X	X		X			
REXIN DS 214 80 BA	1	1	2	3	1	2	1	1	1	2	2	1	1	1	2	X									X	X	X						
REXIN DP 343	2	1	2	3	1	3	1	1	1	1	2	0	1	1	3	X									X	X	X	X					
REXIN 1733 65 BA	2	3	2	2	2	2	2	2	2	2	2	1	1	1	2	X									X	X	X	X		X			

High performance alkyds

REXIN HG 60 X	3	1	3	1	2	2	2	2	3	2	3	2	2	1	3	X										X	X	X					
REXIN 590 70 BA	2	1	2	3	3	2	2	2	2	2	3	1	2	1	3	X	X									X	X	X					
REXIN DP 328	2	1	2	2	3	3	2	2	2	2	3	1	2	1	3	X										X	X	X					
REXIN DP 127	2	1	2	2	2	3	2	3	2	2	3	2	3	2	3	X	X		X	X						X	X	X	X	X	X	X	X
REXIN HSP 05100	1	1	3	3	1	2	3	2	1	3	1	3	3	1	1	X	X		X							X	X						

Special resins

REXIN 2268	0	0	3	3	2	3	3	2	1	2	3	3	2	3	3	X	X			X		X						X	X		X	X	X
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Saturated polyester resins

	Performances															Substrates								Compatibility										
NAME	SANDING	MATting	FULLNESS	FLEXIBILITY	RECOATABILITY	WETTABILITY	CHEMICAL RESISTANCE	HARDNESS	POLISHABILITY	ABRASION RESISTANCE	TRANSPARENCY	OUTDOOR	MECHANICAL RESISTANCE	CORROSION PROTECTION	SELF LEVELLING	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	ACID CURING	ESTER	KETONE	NITROCELLULOSE	CAB / CAP	MELAMINE	ACRYLIC	EPOXY	VINYL	
REXIN HSP 417	0	2	1	3	0	1	0	0	0	1	0	0	0	0	0	X						X							X		X	X		
BURNOCK PE 2133	0	1	2	3	2	3	3	1	1	1	3	2	2	2	1	X	X	X	X			X	X			X	X	X	X	X	X	X	X	X
BURNOCK PE 2101	1	2	2	2	3	3	1	1	1	1	3	2	2	3	1		X	X								X	X	X			X		X	X
REXIN HSP 411	2	1	2	2	2	2	3	3	3	2	3	2	3	1	3	X	X		X	X		X					X	X	X		X			
REXIN HSP 412	0	1	2	3	1	2	1	0	0	3	3	1	1	1	1	X	X			X		X		X					X			X		
REXIN DP 408 80 BA	3	1	2	2	2	2	2	3	3	3	3	2	3	1	3	X													X		X			
BURNOCK PE 6202	3	2	2	1	2	2	3	3	2	2	3	2	2	2	1	X	X	X	X			X	X			X	X	X	X	X	X			

Urethane modified epoxide

BURNOCK EP 9547	2	3	1	3	2	2	2	3	2	1	1	2	3	3	1		X	X	X						X	X	X		X		X	X	X
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Aliphatic thermoplastic polyurethane

UCOFLEX 630 IB	1	3	1	3	2	2	1	1	0	1	1	3	1	1	3				X					X	X			X					
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Air drying urethane modified oils and alkyd resins

Technical Data										Formulations						Application field				Performances								
NAME	% SOLIDS	SOLVENT	RESIN TYPE	OIL LENGTH	OIL TYPE	PU TYPE	VISCOSITY (mPa.s, 23°C)	ACID VALUE (mg KOH/g)	MAX. COLOR (GARDNER)	1K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD IMPREGNATING	WOOD FINISH	PARQUET	GENERAL INDUSTRY	SANDING	FAST FILM FORMING	MATting	FULLNESS	FLEXIBILITY	CHEMICAL RES.	HARDNESS	ABRASION RESISTANCE	YELLOWING RESISTANCE
UCOPOL OL 18 50 X	50	X	OL UR	56	SOYA / LINSEED	AR	5500	0.3	6	X	X	X	X	X	X	X	X	X		3	3	3	2	1	2	3	2	1
UCOPOL OL W 41 55 WD	55	WD	AL UR	58	SPECIAL	AL	5500	4.0	4	X	X	X	X	X	X	X	X		X	2	2	1	3	2	2	2	2	3
UCOPOL OL 17 60 WD	60	WD	OL UR	65	SOYA / LINSEED	AR	5000	1.0	6	X	X	X	X	X	X	X	X	X	X	2	2	1	3	2	2	2	2	1
UCOPOL OL 181	100	-	AL UR	100	LINSEED	AR	12000	1.0	6	X	X				X	X				1	1	1	2	3	1	1	2	1

Key: OL UR Oleourethane | AL UR Urethane modified alkyd resin | AL Aliphatic | AR Aromatic

0 Poor | 3 Excellent

Acrylics, CPO modified

NAME	Technical Data										Formulations							Application field								
	% SOLIDS	SOLVENT	VISCOSITY (mPa.s, 23°C)	ACID VALUE (mg KOH/g)	OH VALUE (mg KOH/g)	OH % as supplied	OH % on solids	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	STOVING	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	INDUSTRIAL WOOD	INDUSTRIAL FLOORING	AUTOMOTIVE INTERIOR	AUTOMOTIVE EXTERIOR	HOUSEHOLD APPLIANCES	GENERAL INDUSTRY	WATERPROOF MEMBRANE	LEATHER	ARCHITECTURAL
BURNOCK AC 1651	45	X / BA / N	5500	2	17	0.5	1.1	3300	2	X	X	X	X	X		X	X			X	X	X	X			

Acrylics, thermoplastic

BURNOCK AC 1750	65	MPA	4000	-	-	-	-	-	2	X			X				X		X	X	X	X	X			X
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Acrylics, OH functional

BURNOCK AC 8820	50	BA	10000	3	11	0.4	0.7	5100	2	X	X		X	X	X	X	X	X		X	X	X	X			
BURNOCK AC 1218	30	BA	5000	3	10	0.3	1.0	5610	2	X	X		X	X	X	X	X			X	X	X	X			
BURNOCK AC 1835	45	BA	7000	5	17	0.5	1.1	3300	2	X	X	X	X	X	X	X	X	X		X	X	X	X			X
BURNOCK AC 1612	55	BA	4000	10	50	1.5	2.7	1122	2		X	X	X	X	X	X	X			X	X	X	X			X

Acrylics, CPO modified

NAME	Performances															Substrates										Compatibility							
	FAST DRYING	HIGH GLOSS	PIGMENT WETTING	FLEXIBILITY	RECOATABILITY	METALLIC ORIENTATION	CHEMICAL RESISTANCE	HARDNESS	LIGHT FASTNESS	HYDROLYSIS RESISTANCE	SELF HEALING	OUTDOOR	MECHANICAL RESISTANCE	CORROSION PROTECTION	SOFT TOUCH	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	ALCOHOL	ESTER	KETONE	NITROCELLULOSE	CAB / CAP	MELAMINE	ACRYLIC	EPOXY	POLYESTER
BURNOCK AC 1651	3	2	1	1	2	2	1	3	2	2	0	2	2	1	0		X	X				X	X			X	X		X	X	X		X

Acrylics, thermoplastic

BURNOCK AC 1750	3	3	3	2	3	2	0	2	3	1	0	3	1	0	1	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X
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Acrylics, OH functional

BURNOCK AC 8820	3	2	2	1	2	3	3	3	3	3	0	3	2	2	0	X		X				X	X		X	X	X		X		X	X	
BURNOCK AC 1218	3	1	1	1	2	3	3	3	2	3	0	3	2	1	0	X						X	X			X	X		X				
BURNOCK AC 1835	3	2	1	1	2	2	1	3	3	2	0	2	2	1	0	X	X	X	X			X	X		X	X	X		X	X	X		X
BURNOCK AC 1612	2	3	2	2	2	2	3	3	3	3	0	3	2	2	1	X	X	X	X			X	X			X	X		X		X		X

Hydrophilic polyisocyanates

Technical Data									Formulations						Application field								Performances						
NAME	% SOLIDS	SOLVENT	TYPE / CHEMISTRY	VISCOSITY (mPa.s, 23°C)	MAX. FREE MONOMER %	NCO % as supplied	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	2K	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	MATTING	HIGH GLOSS	FULLNESS	DISPERSIBILITY	BOILING MARKS	OUTDOOR
HYDRORENE AW 65 PMA 01 	65	MPA	HDI	90	0.1	10.5	400	2	X	X	X	X	X	X	X			X	X	X	X		X	3	3	3	3	3	3
HYDRORENE AW 65 DPGDME 01 	65	DPGD-ME	HDI	85	0.1	10.5	400	2	X	X	X	X	X	X	X			X	X	X	X		X	3	3	3	3	3	3
HYDRORENE AW5 01 	100	-	HDI	7000	0.1	16.0	263	2	X	X	X	X	X	X	X			X	X	X	X		X	3	3	3	3	3	3
HYDRORENE AW1 01 	100	-	HDI	3000	0.1	17.0	247	2	X	X	X	X	X	X	X			X	X	X	X		X	3	2	2	2	3	3
HYDRORENE AW4 01 	100	-	HDI	2000	0.1	20.5	205	2	X	X	X	X	X	X	X	X		X		X				3	1	1	1	2	3

Hydrophobic - hydrophilic polyisocyanates

BURNOCK PU 8985 ●	80	MPA	HDI	300	0.1	13.5	311	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3	3	3	3	3	3
HYDRORENE AW6 01 ●	100	-	HDI	700	0.1	23.0	183	2	X	X	X	X	X	X	X	X		X						3	0	1	0	2	3

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Polyurethane dispersions

Technical Data							Formulations								Application Field							
Name	% SOLIDS	% VOC	pH	TYPE / CHEMISTRY	SOLVENT TYPE	VISCOSITY (mPa.s, 23°C)	1K	2K	STOVING	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	INDUSTRIAL WOOD	PARQUET	INDUSTRIAL FLOORING	HOUSEHOLD APPLIANCES	GENERAL INDUSTRY	WATERPROOF MEMBRANE	LEATHER / TEXTILE	ARCHITECTURAL
BLUEPUR 2937	35	1	8.0	PU s.c.l.	ACETONE	200	X			X	X	X	X	X	X	X	X	X	X			X
BLUEPUR 3037	38	1	7.5	PU s.c.l.	ACETONE	300	X			X	X	X	X	X	X	X	X	X				X
BLUEPUR 3070	40	0	8.0	AL PUD	-	200	X	X			X	X	X	X	X	X	X					X
BLUEPUR 3080	40	0	7.5	AL PUD	-	300	X			X	X				X						X	
WATERSOL PU 3110	45	0	8.5	AR PUD	-	500	X	X		X	X			X				X	X		X	
BLUEPUR T52	50	0	7.5	AL PUD	-	100	X			X	X	X	X	X						X	X	X

Epoxy ester emulsion

WATERSOL HY 3350	43	9.5	9.0	L-EP-EST	BG	2000	X			X		X		X				X	X			X
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Water dilutable epoxy ester

WATERSOL EP 5501	80	20	-	A-EP-EST	BG	9000	X		X	X		X		X				X	X			X
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Key: **AL PUD** Aliphatic polyurethane dispersion | **PU s. c. l** Aliphatic polyurethane dispersion self crosslinking | **AR PUD** Aromatic polyurethane dispersion | **L-EP-EST** Latex modified epoxy ester emulsion
A-EP-EST Acrylic modified epoxy ester solution

Polyurethane dispersions

	Performances																Substrates										Compatibility			
NAME	SANDING	HIGH GLOSS	WOOD WARM / FULLNESS	FLEXIBILITY	BMHR	ABRASION RESISTANCE	CHEMICAL RESISTANCE	HARDNESS	LIGHT FASTNESS	HYDROLYSIS RESISTANCE	BLOCKING RESISTANCE	OUTDOOR	SAG RESISTANT	MECHANICAL RESISTANCE	CORROSION PROTECTION	SOFT TOUCH	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	ALCOHOL	MELAMINE	ACRYLIC	POLYESTER	
BLUEPUR 2937	3	3	2	1	3	2	3	3	1	3	3	1	1	3	2	1	X	X						X						
BLUEPUR 3037	2	2	2	2	2	2	2	2	1	2	2	1	1	2	1	1	X							X						
BLUEPUR 3070	2	2	2	2	2	3	2	2	1	2	2	2	1	2	1	1	X													
BLUEPUR 3080	0	2	1	3	1	1	1	0	1	1	1	0	1	1	0	1	X								X					
WATERSOL PU 3110	0	2	1	3	0	0	3	0	0	1	1	0	1	1	1	3	X	X					X		X			X		
BLUEPUR T52	0	1	0	3	1	1	3	1	2	3	1	3	1	1	1	2				X					X					

Epoxy ester emulsion

WATERSOL HY 3350	1	2	1	3	1	1	2	1	2	2	1	2	3	2	2	2	X	X	X	X		X	X			X		X	X
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Water dilutable epoxy ester

WATERSOL EP 5501	1	3	3	3	1	1	3	1	2	2	1	2	2	3	3	2	X	X	X	X		X				X	X	X	X
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Acrylic emulsions, self crosslinking

Technical Data										Formulations							Application field									
NAME	% SOLIDS	% VOC	pH	TYPE / CHEMISTRY	VISCOSITY (mPa.s 23°C)	OH VALUE (mg KOH/g)	OH % AS SUPPLIED	OH % ON SOLIDS	EQUIVALENT WEIGHT	1K	2K	STOVING	PRIMER / SEALER	BASECOAT	TOP COAT	CLEAR	PIGMENTED	INDUSTRIAL WOOD	INDUSTRIAL FLOORING	AUTOMOTIVE INTERIOR	AUTOMOTIVE EXTERIOR	HOUSEHOLD APPLIANCES	GENERAL INDUSTRY	WATERPROOF MEMBRANE	LEATHER	ARCHITECTURAL
BLUECRYL 012	40	0	8.0	AC s.c.l.	100	-	-	-	-	X			X	X	X	X	X	X	X							X
BLUECRYL 092	40	0	8.0	AC s.c.l.	100	-	-	-	-	X			X	X	X	X	X	X								
BLUECRYL 098	42	0	8.0	AC s.c.l.	100	-	-	-	-	X			X	X	X	X	X	X					X	X		X

Acrylic emulsions, OH functional

BLUECRYL 213	47	0	4.5	ST-AC-OH	500	43	0.6	1.3	2782	X	X	X	X	X	X	X		X	X				X			
WATERSOL AC 7000	45	0	8.0	AC-OH	600	43	0.6	1.3	2953		X		X	X	X	X	X	X		X	X	X				
WATERSOL AC 3080	45	0	8.0	AC-OH	500	80	1.1	2.4	1558		X	X	X	X	X	X	X	X		X	X	X	X			
BLUECRYL 233	46	8	8.0	AC-OH	1000	110	1.5	3.3	1120		X	X	X	X	X	X	X	X	X	X			X			X
BLUECRYL 242	46	8	8.0	AC-OH	1500	139	2.0	4.2	880		X	X	X	X	X	X	X	X	X		X		X			X

Key: AC s.c.l. Acrylic emulsion self crosslinking | AC-OH OH Containing acrylic emulsion | ST-AC-OH OH containing styrene-acrylic emulsion

Acrylic emulsions, self crosslinking

	Performances																Substrates									Compatibility			
NAME	SANDING	HIGH GLOSS	FULLNESS	FLEXIBILITY	BMHR	ABRASION RESISTANCE	CHEMICAL RESISTANCE	HARDNESS	LIGHT FASTNESS	HYDROLYSIS RESISTANCE	BLOCKING RESISTANCE	OUTDOOR	METALLIC ORIENTATION	MECHANICAL RESISTANCE	CORROSION PROTECTION	SOFT TOUCH	WOOD	STEEL	ALUMINUM	CONCRETE	MELAMINE PANELS	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	LEATHER / TEXTILE	ESTER	MELAMINE	ACRYLIC	POLYESTER
BLUECRYL 012	2	2	1	2	1	1	2	2	1	2	2	1	1	2	1	1	X			X									
BLUECRYL 092	2	3	2	1	1	1	2	3	1	3	3	1	1	2	1	1	X												
BLUECRYL 098	1	2	1	3	1	1	2	1	3	2	2	3	1	1	2	1	X	X											

Acrylic emulsions, OH functional

BLUECRYL 213	2	3	3	2	3	2	2	2	1	2	2	1	3	2	1	1	X	X		X				X				X	X	
WATERSOL AC 7000	3	2	1	1	2	2	2	3	3	3	3	3	3	2	1	1	X		X					X	X		X		X	X
WATERSOL AC 3080	3	2	1	2	2	2	3	2	3	3	3	3	2	3	2	1	X	X	X			X	X	X		X	X	X	X	
BLUECRYL 233	2	3	2	2	3	3	3	2	3	3	2	3	3	3	3	2	X	X	X	X			X				X	X		
BLUECRYL 242	2	3	2	1	3	2	3	3	3	3	3	3	3	3	3	2	X	X	X	X							X	X		

Acrylic powders with glycidyl functionality

Technical Data						Formulations			Application Field				Performances										Substrates				
Name	% SOLIDS	Tg (°C)	MELT INDEX	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	BASE RESIN FOR ACRYLIC POWDERS	ADDITIVE FOR POLYESTER POWDERS	HARDENER FOR POLYESTER POWDERS	AUTOMOTIVE EXTERIOR	HOUSEHOLD APPLIANCES	GENERAL INDUSTRY	ARCHITECTURAL	MATTING	HIGH GLOSS	PIGMENT WETTING	FLOW AND LEVELLING	HEAT RESISTANCE	CHEMICAL RESISTANCE	HARDNESS	LIGHT FASTNESS	DURABILITY	STEEL	ALUMINUM	GLASS	HOUSEHOLD PLASTICS	AUTOMOTIVE PLASTICS	
FINEPLUS AC 2710	99.5	45	110	325	1	X			X		X	X	1	3	3	3	3	3	1	3	3	X	X	X		X	
FINEPLUS AC 2730	99.5	50	65	325	1	X			X		X	X	1	3	3	3	3	3	2	3	3	X	X	X		X	
FINEPLUS AC 2490	99.5	65	6	480	1			X	X	X	X	X	3	0	2	2	3	3	3	3	2	X	X				
FINEPLUS AC 2540	99.8	49	50	500	1	X			X		X	X	1	3	2	2	3	3	2	3	3	X	X	X			
FINEPLUS AC 2790	99.7	60	9	500	1			X	X	X	X	X	3	0	2	2	3	3	3	3	2	X	X				
FINEPLUS AC 2550	99.8	60	14	505	1	X			X		X	X	1	3	2	2	3	3	3	3	3	X	X	X			
FINEPLUS AC 2555	99.8	60	14	525	1	X			X		X	X	1	3	2	2	3	3	3	3	3	X	X	X		X	
FINEPLUS AC 2810	99.8	49	55	525	1	X			X		X	X	1	3	3	3	3	3	2	3	3	X	X	X		X	
FINEPLUS AC 2660	99.5	46	17	565	1			X	X	X	X	X	3	0	2	2	3	3	1	3	2	X	X				
FINEPLUS AC 2410	99.5	40	40	600	1		X		X		X	X	1	3	2	2	3	3	2	3	2	X	X	X			
FINEPLUS AC 2440	99.5	60	19	600	1			X	X		X	X	1	3	2	2	3	3	3	3	3	X	X	X			

Technical Data										Application Field				
Name	TYPE / CHEMISTRY	ACTIVE %	% SOLIDS	SOLVENT	VISCOSITY (mPa.s, 23°C)	NCO %	MW	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	WATER SCAVENGER	ADHESION PROMOTER	METAL CATALYST	METAL DRIER	RHEOLOGY MODIFIER
POLURENADD T100	TIN	100	100	-	2500	-	-	-	3			X		
POLURENADD BF5	-	98	-	-	<200	-	148.2	74.1	-	X				
POLURENADD PTSI	PTSI	100	-	-	<50	-	165	165	-	X				
POLURENADD 20 X	POLYAMIDE	20	20	X	THIX	-	-	-	-					X
POLURENE TPI 27 EA	TPTI	27	27	EA	50	7.1	-	592	18		X			
DICNATE MV-130A	MANGANESE / BOOSTER	1.3	25	FAME	<50	-	-	-	18				X	

Polyisocyanates

Technical Data									Formulations		Performances							Substrates						
Name	% SOLIDS	SOLVENT	TYPE / CHEMISTRY	VISCOSITY (mPa.s, 23°C)	NCO %	MAX. FREE MONOMER %	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	FLEXOGRAPHIC	GRAVURE	OVERPRINT VARNISH	YELLOWING RESISTANCE	ADHESION PROMOTER	FILM FORMING	FLEXIBILITY	COMPATIBLE WITH NITROCELLULOSE	PAPER	POLYETHYLENE TEREPHTHALATE (PET)	POLYETHYLENE (PE)	ORIENTED POLYAMIDE (OPA)	ORIENTED POLYPROPYLENE (OPP)	ORIENTED POLYSTYRENE (OPS)	LEATHER / TEXTILE	
POLURGREN IR 51 01 K 	51	EA	AR	700	8.0	0.1	525	1			X	1	2	2	0	0		X						
POLURENE IR 51 K	50	EA	AR	200	8.0	0.3	525	1			X	1	2	2	0	0		X						
PLURGREN OK 01 K 	60	EA	AL/AR	600	10.0	0.1	420	1			X	2	2	1	1	1		X						
POLURENE OK K	60	EA	AL/AR	250	10.2	0.5	412	1			X	2	2	1	1	1		X						
POLURGREN FP 75 01 K 	75	EA	AR	2000	13.0	0.1	323	1			X	1	2	0	2	2		X						
POLURENE FP 75 K	75	EA	AR	2000	13.0	0.5	323	1			X	1	2	0	2	2		X						

Key: AR Aromatic | AL Aliphatic

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Polyester resins

Technical Data									Formulations			Performances					Substrates						
Name	% SOLIDS	SOLVENT	VISCOSITY (mPa.s, 23°C)	ACID VALUE (mg KOH/g)	OH VALUE (mg KOH/g)	OH % as supplied	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	FLEXOGRAPHIC	GRAVURE	OVERPRINT VARNISH	YELLOWING RESISTANCE	ADHESION PROMOTER	FILM FORMING	FLEXIBILITY	COMPATIBLE WITH NITROCELLULOSE	PAPER	POLYETHYLENE TEREPHTHALATE (PET)	POLYETHYLENE (PE)	ORIENTED POLYAMIDE (OPA)	ORIENTED POLYPROPYLENE (OPP)	ORIENTED POLYSTYRENE (OPS)	LEATHER / TEXTILE
REXIN 6302 K	70	EA	300	11	100	3.0	561	5			X	1	2	2	2	2		X					
REXIN 1939 K	75	EA	3500	5	165	5.0	340	3			X	2	2	1	1	3		X					
REXIN 6258 K	60	EA	150	4	180	5.5	312	2			X	2	2	1	1	2		X					

Thermoplastic polyurethanes

Technical Data					Formulations	Performances														Substrates								Compatibility							
NAME	% SOLIDS	SOLVENT	TYPE / CHEMISTRY	VISCOSITY (mPa.s, 23°C)	MAX. COLOR (GARDNER)	FLEXOGRAPHIC	GRAVURE	OVERPRINT VARNISH	YELLOWING RESISTANCE	ADHESION PROMOTER	FLEXIBILITY	FILM FORMING	BONDING STRENGTH	DEEP FREEZE RESISTANCE	RESISTANCE TO FILLING GOODS	STERILIZATION RESISTANCE	RESOLUBILITY	HIGH SPEED APPLICATION	RUB RESISTANCE	PIGMENT WETTING	PAPER	POLYETHYLENE TEREPHTHALATE (PET)	POLYETHYLENE (PE)	ORIENTED POLYAMIDE (OPA)	ORIENTED POLYPROPYLENE (OPP)	ORIENTED POLYSTYRENE (OPS)	LEATHER / TEXTILE	ALCOHOL	ESTER	KETONE	NITROCELLULOSE	CAB / CAP	ACRYLIC	POLYESTER	
UCOFLEX 630 IB	30	IB	AL PU	2200	1				3	3	3	3	-	3	-	-	-	-	-	-	X					X	X	X			X				
BURNOCK PU 4201	30	EA	AL PE-PU	1000	1	X	X		3	3	3	3	3	3	3	3	3	3	3	3		X	X	X	X	X		X	X	X	X	X	X		
BURNOCK PU 5206	35	MP / BA / MEK	AL PES-PU	1200	1				3	3	3	3	2	1	1	2	2	2	1	3		X					X	X	X	X	X				
POLURENE 1062 K	37	EA	AL PES-PU	3500	2		X		3	3	2	2	3	-	-	3	3	2	-	2		X	X	X	X			X	X		X				
BURNOCK PU 4285	55	EA / EtOH	AL PE-PU	2800	1	X	X		3	3	3	2	3	3	3	3	2	2	3	2		X	X	X	X	X		X	X	X	X	X	X	X	X
POLURENE 0780 K	55	EA / EtOH	AL PE-PU	1750	1	X	X		3	3	3	1	2	-	-	2	1	3	-	3		X	X	X	X			X	X		X				
BURNOCK PU 4210	57	EA / EtOH	AL PE-PU	6500	2	X	X		3	3	3	3	2	3	3	3	2	3	3	3		X	X	X	X	X		X	X	X	X	X	X	X	X
BURNOCK PU 4260	60	EA / EtOH	AL PE-PU	4200	1	X	X		3	3	3	3	2	3	3	3	3	2	3	3		X	X	X	X	X		X	X	X	X	X	X	X	X
POLURENE 5870 K	75	EA	AR PU	1800	2	X	X		1	1	-	0	1	-	-	N/A	-	-	-	N/A		X	X	X	X			X	X		X				
POLURENE 5580 K	75	EA	AR PE-PU	2900	1	X	X		1	2	-	0	1	-	-	N/A	-	-	-	N/A		X	X	X	X			X	X		X				
POLURENE 5892 K	100	-	AL PE-PU	3000	2	X	X		3	1	-	0	1	-	-	N/A	-	-	-	N/A		X	X	X	X			X	X		X				

Key: PU Polyurethane | PE Polyether | PES Polyester | AR Aromatic | AL Aliphatic

0 Poor | 3 Excellent

Aliphatic polyisocyanates

NAME	Technical Data										Formulations							Performances										Substrates				
	NCO TYPE	NCO FORM	SOLVENT	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (HAZEN)	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	POLYUREA	CASTING	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STRENGTH	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	WOOD	METAL	PLASTIC	PAPER	CONCRETE	STONE CARPETS
POLURENE T70 EA	IPDI	T	EA	70	12.0	0.5	400	350	80	X	X	X					3	2	2	2	2	2	3	3	2	2	X	X	X			
POLURGREN MT90 01 ●	HDI	T	BA / N	90	19.8	0.1	550	212	40	X	X	X		X	X		0	2	2	2	2	1	3	2	3	0	X	X	X		X	
POLURGREN MT 100 HV 01 ●	HDI	T	-	100	21.0	0.1	5000	200	80	X	X	X					0	2	2	2	2	1	3	2	3	0	X	X	X	X		
POLURGREN MT100 01 ●	HDI	T	-	100	22.0	0.1	2500	191	40	X	X	X	X	X	X	X	0	2	2	2	2	1	3	2	3	0	X	X	X		X	X
POLURGREN MT100 LV 01 ●	HDI	T	-	100	23.0	0.1	1200	183	40	X	X		X	X	X	X	0	2	2	2	2	1	3	2	3	0	X	X			X	X
POLURGREN MT100 LLV 01 ●	HDI	T	-	100	23.0	0.1	700	183	60	X	X		X	X	X	X	0	2	2	2	2	1	3	2	3	0	X	X			X	X

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Polyisocyanates from TDI

Technical Data										Formulations								Performances								Substrates										
NAME	NCO TYPE	NCO FORM	SOLVENT	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	POLYUREA	CASTING	FOAM	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STREIGHT	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	WOOD	METAL	PLASTIC	PAPER	CONCRETE	STONE CARPETS	FABRICS	RUBBER
POLURENE IR 51 EA	TDI	T	EA	50	8.0	0.3	250	525	1		X	X							3	1	1	3	3	2	1	2	3	1	X			X				
POLURGREEN FP 75 01 	TDI	A	EA	75	13.0	0.1	2000	323	1		X	X							1	2	2	3	3	3	1	2	3	0	X	X	X				X	X
POLURENE FP 75	TDI	A	EA	75	13.0	0.5	2100	323	1		X	X							1	2	2	3	3	3	1	2	3	0	X	X	X				X	X

Mixed isocyanurate from TDI/HDI

POLURENE OKD EA	TDI HDI	T	EA	60	10.2	0.5	350	412	150		X	X	X						2	1	1	3	3	2	1	2	3	1	X	X	X	X				
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Special polyisocyanates

POLURENE TPI 27 EA	TPTI	-	EA	27	7.1	-	50	592	18		X		X						1	1	1	1	2	1	1	3	2	0	X		X	X	X			
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Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Aliphatic prepolymers

NAME	Technical Data										Formulations										Performances										Substrates					
	NCO TYPE	NCO FORM	SOLVENT	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (HAZEN)	MAX. COLOR (GARDNER)	1K	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	POLYUREA	CASTING	FOAM	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STRENGTH	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	WOOD	METAL	PLASTIC	CONCRETE	STONE CARPETS	FABRICS	RUBBER
POLURGREN PRP 800 01 ●	HDI	P	-	100	8.0	0.1	THIX	525	100			X	X					X		0	3	3	2	2	2	3	2	3	0				X		X	
POLURGREN PRP 4041 01 ●	HDI	P	-	100	10.0	0.1	2500	420	100			X	X	X	X	X	X	X		0	3	3	2	2	1	3	2	3	0		X	X	X		X	X
POLURGREN MC 1180 MPA 01 ●	HDI	P	MPA	80	11.5	0.1	700	365	100		X		X	X		X				3	3	2	2	2	3	3	2	3	3	X	X		X	X		

Aromatic prepolymers from TDI

POLURGREN PRP 5500 01 ●	TDI	P	-	100	2.3	0.1	8000	1827		3		X	X		X	X	X	X		1	2	1	2	2	2	2	2	3	1	X			X			
POLURGREN PRP 350 01 ●	TDI	P	-	100	3.5	0.1	7000	1201		2	X	X	X		X	X	X	X		1	3	3	2	2	1	2	2	3	2				X		X	X
POLURGREN PRP 450 01 ●	TDI	P	-	100	4.5	0.1	7500	934		2	X	X	X	X	X	X	X	X		1	3	3	2	2	2	2	2	3	2		X	X	X		X	X
POLURGREN PRP 750 01 ●	TDI	P	-	100	7.5	0.1	55000 (8000 @ 40°C)	560		3	X	X	X	X	X	X	X			1	3	2	2	2	3	2	3	3	2	X	X	X	X			X
POLURGREN PRP F 930 01 ●	TDI	P	-	100	9.3	0.1	1000000 (15000 @ 50°C)	452		3	X		X						X	1	3	2	2	2	3	2	3	3	3	X		X	X			
POLURGREN PRP 940 01 ●	TDI	P	-	100	9.3	0.1	47000 (7000 @ 40°C)	452		2	X	X	X	X	X	X	X	X		1	3	2	2	2	3	2	3	3	2	X	X	X	X			
POLURGREN PRP 1030 01 ●	TDI	P	-	100	10.3	0.1	12000 @ 50°C	408		3	X	X	X	X	X					1	2	2	2	2	3	2	3	3	2	X	X		X			

Aromatic prepolymers from MDI

POLURENE PRP 6050	MDI	P	-	100	4.8	0.3	70000 (10000 40°C)	875		2	X	X	X					X		1	3	3	2	2	2	1	3	3	1	X		X	X		X	X
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Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Aromatic polyisocyanates from MDI

Technical Data										Formulations								Performances								Substrates											
NAME	NCO TYPE	NCO FORM	SOLVENT	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	POLYUREA	CASTING	FOAM	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STRENGTH	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	WOOD	METAL	PLASTIC	PAPER	CONCRETE	STONE CARPETS	FABRICS	RUBBER	
POLURENE LPI 3719	MDI	P	EA	68	1.9	5	10000	2212	2	X		X							2	3	3	2	2	1	1	3	3	2	X	X	X	X			X	X	
POLURENE PRP 6050	MDI	P	-	100	4.8	0.3	70000 (10000 40°C)	875	2	X	X	X					X		1	3	3	2	2	2	1	3	3	1	X		X	X	X		X	X	
POLURENE LP 200 B	MDI	P	EA	20	6.0	5	<100	700	18	X	X	X							2	1	1	3	2	2	0	2	3	2	X				X		X		
POLURENE LPI 604	MDI	P	-	100	9.5	10	6000	442	3	X		X		X	X				2	2	2	2	2	2	1	2	3	2	X				X		X	X	
POLURENE LPI 2320	MDI	P	-	100	13.0	30	12000	323	18	X		X		X					2	2	1	3	2	2	0	2	3	2	X	X			X		X		
POLURENE MD 610	MDI	P	-	100	14.5	15	1100	290	3	X	X	X		X		X	X		2	1	1	3	2	2	1	2	3	2	X	X	X		X				
POLURENE LPI 34 NT	MDI	P	-	100	15.0	15	3000	280	18	X		X							2	1	1	3	2	2	1	2	3	3	X				X				
UCOPOL M621	MDI	P	-	100	16.5	15	4500	255	18	X	X	X	X	X				X	3	1	1	3	2	3	0	2	3	3	X				X				
UCOPOL M601	MDI	P	-	100	25.0	55	150	168	18	X			X						3	0	0	2	2	1	0	2	3	3					X				
UCOPOL M602	MDI	P	-	100	25.0	55	150	168	18	X			X						2	0	0	2	2	1	0	2	3	3					X				
POLURENE MD 1600	MDI	P	-	100	31.5	85	100	133	18		X	X		X					3	0	0	3	3	1	0	2	3	1	X					X			
POLURENE MD 1500	MDI	P	-	100	32.5	90	50	129	18		X	X		X					3	0	0	3	3	1	0	2	3	1	X					X			

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Hydrophilic polyisocyanates

Technical Data									Formulations								Performances								Substrates										
NAME	% SOLIDS	SOLVENT	NCO TYPE	VISCOSITY (mPa.s, 23°C)	MAX. FREE MONOMER %	NCO % as supplied	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	POLYUREA	CASTING	FOAM	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STRENGTH	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	WOOD	METAL	PLASTIC	PAPER	CONCRETE	STONE CARPETS	FABRICS	RUBBER
HYDRORENE AW 65 PMA 01	65	MPA	HDI	90	0.1	10.5	400	2		X	X	X	X	X			X	2	2	2	3	3	2	3	3	3	0	X			X	X		X	
HYDRORENE AW 65 DPGDME 01	65	DPGDME	HDI	85	0.1	10.5	400	2		X	X	X	X	X			X	2	2	2	3	3	2	3	3	3	0	X			X	X		X	
HYDRORENE AW5 01	100	-	HDI	7000	0.1	16.0	263	2	X	X	X	X	X	X			X	2	2	2	3	3	2	3	3	3	2	X			X	X		X	
HYDRORENE AW1 01	100	-	HDI	3000	0.1	17.0	247	2	X	X	X	X	X	X			X	1	2	2	2	3	2	3	3	3	1	X			X	X		X	
HYDRORENE AW4 01	100	-	HDI	2000	0.1	20.5	205	2		X	X	X	X	X	X		X	1	2	2	2	2	2	3	2	3	0	X	X		X	X		X	

Hydrophobic - hydrophilic polyisocyanates

BURNOCK PU 8985 ●	80	MPA	HDI	500	0.1	13.5	311	1		X	X	X	X	X				1	2	2	3	3	2	3	3	3	0	X	X	X	X			X	
HYDRORENE AW6 01 ●	100	-	HDI	700	0.1	23.0	183	2		X	X	X	X	X	X			1	2	2	2	2	2	3	2	3	0	X	X		X			X	

Key: A Adduct | B Biuret | P Prepolymer | T Trimer

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Blocked Prepolymers

NAME	Technical Data											Formulations							Performances				Substrates					
	% SOLIDS	SOLVENT / PLASTICIZER	NCO TYPE	BLOCKING AGENT	VISCOSITY (mPas, 23°C)	MAX. FREE MONOMER %	MAX. FREE NCO %	BLOCKED NCO %	EQUIVALENT WEIGHT - PU	EQUIVALENT WEIGHT - EP	MAX. COLOR (GARDNER)	1K	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	POLYUREA	FLEXIBILITY	HEAT RESISTANCE	YELLOWING RESISTANCE	OUTDOOR	METAL	SYNTHETIC LEATHER	TEXTILE	WOOD	CONCRETE	PVC
POLURGREN LP 90 LH ●	90	DOA	TDI	C	12000	0.1	0.2	1.9	2200	1100	8		X	X		X			3	1	0	1	X			X	X	X
POLURGREN LP 100 LH ●	100	-	TDI	C	35000	0.1	0.2	2.1	2000	1000	8		X	X		X			3	1	0	1	X			X	X	X
POLURGREN LP 100 LV ●	100	-	TDI	C	20000	0.1	0.2	2.1	2000	1000	3		X	X		X			3	1	0	1	X			X	X	X

Key: C Cardanol

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

High solid alkyd resins

Technical Data										Formulations						Performances						Substrates									
NAME	% SOLIDS	SOLVENT	VISCOSITY (mPa.s, 23°C)	ACID VALUE (mg KOH/g)	OH VALUE (mg KOH/g)	OH % as supplied	OH % on solids	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	1K	2K	ADHESIVE	PRIMER	SEALANT	MEMBRANE	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STREIGHT	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	WOOD	METAL	PLASTIC	PAPER	CONCRETE	STONE CARPETS	FABRICS	RUBBER
REXIN HSP 50	100	-	800	2	160	4.8	4.8	351	4		X	X	X	X	X	3	1	1	2	1	3	2	3	X				X			
REXIN HSP 05100	100	-	28000	15	210	6.4	6.4	267	3		X	X	X	X	X	3	1	3	3	3	3	2	3	X				X	X		X

Saturated polyesters resins

REXIN HSP 417	100	-	15000	5	40	1.2	1.2	1417	2		X	X		X		3	3	1	1	1	1	3	1	X	X					X	
BURNOCK PE 2133	80	BA	3000	2	115	3.5	4.4	487	1	X	X	X	X			3	3	3	1	2	2	3	3	X	X	X				X	
REXIN HSP 411	100	-	30000	4	180	5.5	5.5	312	2		X	X	X			2	1	3	3	3	1	2	2	X	X	X	X			X	
REXIN HSP 412	100	-	5000	4	200	6.1	6.1	281	2		X	X	X	X		3	3	2	2	2	2	3	2	X		X	X			X	X
BURNOCK PE 6202	67	AAc / X	5000	15	254	7.7	11.5	221	4	X	X	X	X			1	1	3	3	3	2	2	1	X	X	X				X	

Amorphous linear polyester polyols

Technical Data									Formulations			Application Field			Performances							
NAME	% SOLIDS	MAX. COLOR (GARDNER, 60% in X)	OH VALUE (mg KOH/g)	EQUIVALENT WEIGHT	MAX. ACID VALUE (mg KOH/g)	GLASS TRANSITION TEMPERATURE (°C)	MELTING POINT (C°)	VISCOSITY (Pa.s)	TENSILE STRENGTH (MPa)	ELONGATION AT BREAK %	VISCOSITY 130°C (Pa.s)	FREE OF TIN	FDA 175.105 COMPLIANCE	FDA 175.300 COMPLIANCE	COMPATIBILITY	FAST SETTING TIME	HARDNESS	MELT VISCOSITY	ADHESION TO PLASTIC	ADHESION TO METALS	ADHESION TO NATURAL MATERIALS	
									After reaction with MDI													
FINEPLUS HM 1865	100	2	55	1020	2.0	10	-	5 @ 130°C	brittle	brittle	5	X			2	3	2	1	1	3	3	
FINEPLUS HM 1185	100	2	110	510	2.0	26	-	2 @ 120°C	brittle	brittle	5	X			3	2	2	1	1	3	3	
FINEPLUS HM 1087	100	2	21	2671	2.0	30	-	60 @ 130°C	brittle	brittle	850		X		2	3	3	3	1	3	3	
FINEPLUS HM 1853	100	2	35	1603	2.0	30	-	13 @ 130°C	brittle	brittle	60	X			2	3	3	2	1	3	3	
FINEPLUS HM 1805	100	2	40	1403	1.5	50	-	60 @ 130°C	brittle	brittle	500	X			2	3	3	3	1	3	3	

Liquid linear polyester polyols

									After reaction with MDI												
FINEPLUS HM 2662	100	2	21	2671	2.0	-50	-	5 @ 80°C	5	1200	5	X			3	1	1	1	3	1	3
FINEPLUS HM 2650	100	2	45	1247	1.5	-47	-	1 @ 75°C	5	300	1	X	X	X	2	1	1	1	3	1	3
FINEPLUS HM 2686	100	2	31	1810	2.0	-30	-	8 @ 80°C	5	900	10				2	1	1	1	3	1	3
FINEPLUS HM 2682	100	2	30	1870	2.0	-10	-	11 @ 80°C	5	600	6	X			2	1	1	1	3	1	3

0 Poor | 3 Excellent

Crystalline linear polyester polyols

Technical Data									Formulations			Application Field			Performances						
NAME	% SOLIDS	MAX. COLOR (GARDNER, 60% in X)	OH VALUE (mg KOH/g)	EQUIVALENT WEIGHT	MAX. ACID VALUE (mg KOH/g)	GLASS TRANSITION TEMPERATURE (°C)	MELTING POINT (C°)	VISCOSITY (Pa.s)	TENSILE STRENGTH (MPa)	ELONGATION AT BREAK %	VISCOSITY 130°C (Pa.s)	FREE OF TINN	FDA 175.105 COMPLIANCE	FDA 175.300 COMPLIANCE	COMPATIBILITY	FAST SETTING TIME	HARDNESS	MELT VISCOSITY	ADHESION TO PLASTIC	ADHESION TO METALS	ADHESION TO NATURAL MATERIALS
									After reaction with MDI												
FINEPLUS HM 3624	100	1	56	1002	1.5	-	15	1 @ 80°C	15	650	5	X			3	1	1	1	1	1	3
FINEPLUS HM 3606	100	1	28	2004	2.0	-	55	2 @ 80°C	15	350	5	X	X		3	2	2	1	1	1	3
FINEPLUS HM 3107	100	2	15	3740	2.0	-	63	2 @ 80°C	15	50	20	X	X		1	3	2	2	1	1	3
FINEPLUS HM 3126B	100	2	30	1870	2.0	-	70	2 @ 80°C	10	10	5	X			1	3	2	1	1	1	3
FINEPLUS HM 3870	100	2	30	1870	2.0	110	120	3 @ 140°C	20	400	40	X			2	2	3	2	1	1	3

Aromatic prepolymers

NAME	Technical Data							Performance	
	NCO TYPE	NCO FORM	CHAIN EXTENSION	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 70°C)	EQUIVALENT WEIGHT	SHORE HARDNESS CURED WITH MBOCA
POLURCAST PET80A-01 ●	TDI	P	PET	100	2.9	0.1	2700 (THIX)	1449	80A
POLURCAST PET85A-01 ●	TDI	P	PET	100	3.5	0.1	2700 (THIX)	1201	85A
POLURCAST PET90A-01 ●	TDI	P	PET	100	3.9	0.1	2000 (THIX)	1077	90A
POLURCAST PET95A-01 ●	TDI	P	PET	100	5.4	0.1	1600 (THIX)	778	95A
POLURCAST PE80A-01 ●	TDI	P	PE	100	2.9	0.1	800 (THIX)	1449	80A
POLURCAST PE90A-01 ●	TDI	P	PE	100	4.5	0.1	350 (THIX)	934	90A
POLURCAST PE93A-01 ●	TDI	P	PE	100	5.2	0.1	15000	808	93A
POLURCAST PE95A-01 ●	TDI	P	PE	100	6.0	0.1	10000 (THIX)	700	95A
POLURCAST PE75D-01 ●	TDI	P	PE	100	9.4	0.1	400 (THIX)	447	75D

Key: P Prepolymer | PET Polyester | PE Polyether

● : Conforms to REACH restrictions on isocyanic monomers

Polyisocyanates

Technical Data									Performance					
NAME	NCO TYPE	SOLVENT	% SOLIDS	NCO %	MAX. FREE MONOMER %	VISCOSITY (mPa.s, 23°C)	EQUIVALENT WEIGHT	MAX. COLOR (GARDNER)	WATER DISPERSIBILITY	CHEMICAL RESISTANCE	HEAT RESISTANCE	YELLOWING RESISTANCE	HYDROLYSIS RESISTANCE	ADHESION ON DIFFICULT SUBSTRATES
UNI-DUR E 2008 RC	TDI	EA	35	5.6	0.5	50	750	1	0	3	3	1	3	2
UNI-DUR E 1001 RN	TDI-HDI	EA	40	7.3	0.5	50	576	1	0	3	3	2	3	2
UNI-DUR E 2002 ARFE	TPTI	EA	27	7.7	-	50	545	18	0	3	3	0	3	3
UNI-DUR WB 7000 01 ●	HDI	-	100	17.0	0.1	3000	247	2	3	3	3	3	2	2
UNI-DUR WB 8000 01 ●	HDI	-	100	20.5	0.1	2000	205	1	2	3	3	3	3	2

● : Conforms to REACH restrictions on isocyanic monomers

0 Poor | 3 Excellent

Advanced Materials Solutions



Barrier primers

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
BARRIER PRIMERS	DEEP PENETRATION	SB	1K		POLURENE MD 50 EA
	DEEP PENETRATION	SB	2K	VINYLIC RESIN ●	POLURENE MD 50 EA
	LONG POT LIFE	SB	2K	REXIN HSP 408 80 BA REXIN HSP 411	POLURGREEN AD 01 ●
	NOT YELLOWING	SB	2K	REXIN HSP 411	POLURGREEN MT 75 01 ●



● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Sealers

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
SEALERS	CLEAR FOR MDF SLABS	SB	1K		POLURENE MD 50 EA
	CLEAR NOT YELLOWING	SB	1K		POLURGREN MC 1180 MPA 01 ●
	CLEAR	SB	1K	UCOPOL OL 1850 X	
	CLEAR – HARD FLEXIBLE	WB	1K	BLUECRYL 012 BLUEPUR 2937	
	CLEAR	WB	1K	BLUECRYL 092	
	CLEAR	SB	2K	REXIN 129 50 X REXIN DP 343	POLURGREN AD 01 ● POLURGREN IR 01 ●
	CLEAR	SB	2K	REXIN C760	POLURGREN 60T 01 ●
	PIGMENTED	SB	2K	REXIN C760	POLURGREN 60T 01 ●
	PIGMENTED - HIGH SOLID	SB	2K	REXIN HSP 05100	POLURGREN 60T 01 ●
	PIGMENTED	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

Top coats

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
GLOSS TOP COAT	CLEAR	SB	1K		POLURGREN MC 5860 MPAX 01 ●
	CLEAR NOT YELLOWING	SB	1K		POLURGREN MC 1180 MPA 01 ●
	CLEAR	SB	1K	UCOPOL OL 1760 WD	
	CLEAR	WB	1K	BLUECRYL 012 BLUEPUR 2937	
	CLEAR	WB	1K	BLUECRYL 092	
	CLEAR	SB	2K	REXIN DP 127	POLURGREN AD 01 ● POLURGREN IR 01 ●
	CLEAR	SB	2K	REXIN HG 60 X	POLURGREN 60T 01 ●
	CLEAR - HIGH SOLID	SB	2K	REXIN DS 214 80 BA	POLURGREN OK HD 01 ●
	PIGMENTED	SB	2K	REXIN DP 127	POLURGREN OK HD 01 ●
	PIGMENTED	WB	2K	BLUECRYL 242	HYDRORENE AW 5 01 ●
	CLEAR	WB	2K	BLUECRYL 233	HYDRORENE AW 5 01 ●
	CLEAR	WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

Top coats

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
MATTE TOP COATS	CLEAR	SB	1K	UCOPOL OL 1850 X	
	CLEAR	WB	1K	BLUECRYL 012 BLUEPUR 2937	
	CLEAR	WB	1K	BLUECRYL 092 BLUEPUR 2937	
	CLEAR	SB	2K	REXIN 590 70 BA	POLURGREN AD 01 ● POLURGREN IR 01 ●
	CLEAR	SB	2K	REXIN C760	POLURGREN 60T ●
	CLEAR	SB	2K	REXIN 129 50 X REXIN DP 343	POLURGREN OK 01 ●
	PIGMENTED	SB	2K	REXIN C760	POLURGREN OK 01 ●
	PIGMENTED	SB	2K	REXIN 590 70 BA	POLURGREN OK 01 ●
	PIGMENTED	SB	2K	REXIN 129 50 X REXIN DP343	POLURGREN OK 01 ●
	CLEAR, FAST DRYING	WB	2K	WATERSOL AC 7000	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●

Wood flooring

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
SEALERS	FAST CURING	SB	1K	UCOPOL OL 1850 X	
	FAST SANDING	WB	1K	BLUECRYL 012 BLUEPUR 2937	
	FAST SANDING	SB	2K	REXIN 129 50 X REXIN DP 343	POLURGREEN AD 01 ● POLURGREEN IR 01 ●
GLOSS TOP COAT	FAST CURING – HIGH PERFORMANCE	SB	1K		POLURGREEN MC 5860 MPAX 01 ●
	HIGH PERFORMANCE - NOT YELLOWING	SB	1K		POLURGREEN MC 1180 MPA 01 ●
	EASY TO APPLY	SB	1K	UCOPOL OL 1760 WD	
	FAST DRYING – HIGH PERFORMANCE	WB	1K	BLUEPUR 2937 BLUECRYL 012	
	HIGH PERFORMANCE	SB	2K	REXIN DP 127	POLURGREEN AD 01 ● POLURGREEN IR 01 ●
	HIGH PERFORMANCE	WB	2K	BLUEPUR 2937 BLUEPUR 3070	HYDRORENE AW 65 01 ●
MATTE TOP COATS	EASY TO APPLY	SB	1K	UCOPOL OL 18 50 X	
	FAST DRYING - HIGH PERFORMANCE	WB	1K	BLUEPUR 2937 BLUECRYL 012	
	HIGH PERFORMANCE – ALSO DEEP MATTE	WB	2K	BLUEPUR 2937 BLUEPUR 3070	HYDRORENE AW 65 01 ●

Outdoor

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
SEALERS	FAST CURING	SB	1K	UCOPOL OL 18 50 X	-
	DEEP PENETRATION	SB	1K	UCOPOL OL 17 60 WD	-
	HIGH YELLOWING RESISTANCE	SB	1K	UCOPOL OL W 41 55 WD	-
	FAST DRYING – HIGH VAPOUR PERMEABILITY	WB	1K	BLUECRYL 098	-
TOP COATS GLOSS	HIGH COVERING	SB	1K	UCOPOL OL 17 60 WD	-
	HIGH YELLOWING RESISTANCE	SB	1K	UCOPOL OL W 41 55 WD	-
	FAST DRYING – HIGH VAPOUR PERMEABILITY	WB	1K	BLUECRYL 098	-
TOP COATS MATTE	FAST DRYING – HIGH VAPOUR PERMEABILITY	WB	1K	BLUECRYL 098	-

● : Conforms to REACH restrictions on isocyanic monomers



Flooring

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
PRIMERS	DEEP PENETRATION WATERPROOF BARRIER	SB	1K		UCOPOL M 621 POLURGREN MC 5860 MPAX 01 ● POLURGREN PRP 940 01 ●
	POWDER FIXATIVE COLD CLIMATE	HS	1K		UCOPOL M 601
	POWDER FIXATIVE HOT CLIMATE	HS	1K		UCOPOL M 602
SELF LEVELLING SEALANTS	FOR FLEXIBLE JOINTS	HS	2K	ETHACURE 300 ● POLYASPARTIC RESINS ●	POLURGREN PRP 450 01 ● POLURGREN PRP 5500 01 ●
	FOR FLEXIBLE JOINTS	HS	2K	REXIN HSP 50	POLURENE MD 610
SELF LEVELLING OR SPATULATE TOP COATS	IMPROVES IMPACT TERSTISTANCE	HS	2K	EPOXY ● POLURGREN LP 100 LV ●	POLYAMINE ADDUCTS ●
	HARD FLEXIBLE	HS	2K	REXIN HSP 05100 REXIN HSP 50	POLURENE MD 1500 POLURENE MD 1600
	FLEXIBLE NOT YELLOWING	HS	2K	REXIN HSP 05100 POLYASPARTIC RESINS ●	POLURGREN MT 100 LV 01 ● POLURGREN MT 100 LLV 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Flooring

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
TOP COATS	HIGH RESISTANCE FAST CURING NOT YELLOWING	SB	1K		POLURGREN MC 1180 MPA 01 ●
	HIGH RESISTANCE FAST CURING INDOOR USE	SB	1K		POLURGREN MC 5860 MPAX 01 ●
	HIGH RESISTANCE CLEAR AND PIGMENTED	SB	2K	REXIN DP 127	POLURGREN MT 75 01 ● POLURGREN MT 100 01 ●
	DOMESTIC AREA	WB	1K	BLUEPUR 2937 BLUECRYL 012	
	COMMERCIAL AREA CLEAR AND PIGMENTED	WB	2K	BLUECRYL 233	HYDRORENE AW 65 01 ●
	COMMERCIAL AREA CLEAR AND PIGMENTED	WB	2K	BLUECRYL 242	HYDRORENE AW 1 01 ● HYDRORENE AW 65 01 ●
STONE CARPETS	5-7% SUGGESTED QUANTITY AMOUNT	SB	1K		POLURGREN MC 1180 MPA 01 ●
	5-7% SUGGESTED QUANTITY AMOUNT	HS	2K	REXIN HSP 05100 POLYASPARTIC RESINS ●	POLURGREN MT 100 LV 01 ● POLURGREN MT 100 LLV 01 ●
RUBBER CRUMBS	FLEXIBLE	HS	1K		POLURENE LPI 604
	MODULABLE FLEXIBILITY	SB	1K		POLURGREN PRP 450 01 ● POLURGREN AD 01 ●
	NOT YELLOWING MODULABLE FLEXIBILITY	SB	1K		POLURGREN MC 1180 MPA 01 ● POLURGREN PRP 4041 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Walls

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
THIXOTROPIC SEALERS	SLOW BLOWING	HS	1K		POLURGREN PRP 450 01 ● POLURGREN PRP 350 01 ●
	CONSTANT DIMENSION	HS	2K	EPOXY ● POLURGREN LP 100 LV	POLYAMINES ADDUCTS ●
ANTIGRAFFITI	CLEAR SYSTEMS	SB	1K		POLURGREN MC 1180 MPA 01 ●
	CLEAR SYSTEMS	WB	2K	BLUECRYL 233	HYDRORENE AW1 01 ● HYDRORENE AW 65 01 ●
	PIGMENTED SYSTEMS	WB	2K	BLUECRYL 242	HYDRORENE AW1 01 ● HYDRORENE AW 65 01 ●
	CLEAR OR PIGMENTED	WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●

- : Conforms to REACH restrictions on isocyanic monomers
- : Suggested materials to use with our products



Roofing

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
MEMBRANES	HIGH FLEXIBILITY EXCELLENT WATERPROOFING RESISTANCE	SB	1K		POLURGREEN PRP 450 01 ● POLURGREEN PRP 940 01 ●
	HIGH PERFORMANCE EASY TO MANUFACTURE	SB	2K	POLYASPARTIC RESINS ●	POLURGREEN PRP 450 01 ● POLURGREEN PRP 5500 01 ●
	HIGH PERFORMANCE EASY TO MANUFACTURE	HS	2K	ETHACURE 300 ●	POLURGREEN PRP 450 01 ●
	EASY TO MANUFACTURE	WB	1K	BLUEPUR T52 BLUECRYL 098	
	PRICE/PREFORMANCE RATIO	HS	2K	ASPHALT	POLURENE MD 1600
POLYUREA	2K MACHINE NEEDED	HS	2K	POLYAMINE ●	POLURENE MD 610

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Adhesives and foams

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
ADHESIVES	WOOD FLOORING	HS	1K		POLURGREN PRP 450 01 ●
	WOOD FLOORING	HS	2K	REXIN HSP 05100 ● REXIN HSP 50 ●	POLURENE MD 1600
	WOOD FLOORING	HS	2K	EPOXY ● POLURGREN LP 100 LV ●	POLYAMINES ADDUCT ●
	LINOLEUM	HS	2K	EPOXY ● POLURGREN LP 100 LV ●	POLYAMINES ADDUCT ●
	PVC	HS	2K	EPOXY ● POLURGREN LP 100 LV ●	POLYAMINES ADDUCT ●
FOAMS	OCF	HS	1K		POLURGREN PRP F 930 01 ●
	LIQUID AT ROOM TEMPERATURE	HS	2K	REXIN HSP 50	POLURENE MD 610

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Primers

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
PRIMERS	ZINC DUST	SB	1K		UCOPOL M 621
	HARD FLEXIBLE ZINC DUST	SB	1K		POLURGREEN PRP 450 01 ● POLURGREEN AD 67 01 ●
	FOR DIY	WB	1K	BLUECRYL 098	
	PIGMENTED	WB	1K	WATERSOL HY 3350	
	PIGMENTED	WB	1K	WATERSOL EP 5501	
	ZINC RICH PRIMER	SB	2K	BURNOCK EP 9547	AMINO ADDUCT ●
	PIGMENTED	SB	2K	BURNOCK EP 9547	POLURGREEN AD 67 01 ●
	PIGMENTED	SB	2K	REXIN DP 127 BURNOCK PE 2101	POLURGREEN OK HD 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

DTM

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID P = POWDER	COMP.	COMPONENT A	COMPONENT B
DTM	SEMI-DUTY, SAGGING RESISTANCE	WB	1K	WATERSOL HY 3350	
	GOOD RESISTANCE TO YELLOWING	SB	1K	UCOPOL OL W 41 55 WD	
	GOOD RESISTANCE TO YELLOWING	SB	2K	REXIN DP 127 BURNOCK PE 2101	POLURGREN MT 75 01 ●
	EXCELLENT RESISTANCE TO YELLOWING	SB	2K	REXIN DP 127 REXIN 2268	POLURGREN MT 75 01 ●
	SOLVENT FREE	HS	2K	POLYASPARTICS ●	POLURGREN MT 100 LLV 01 ●
	HIGH DURABILITY	WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● or HYDRORENE AW 5 01 ●
	ACRYLIC POWDER COATING	P	1K	FINEPLUS AC 2810	LINEAR DIACID HARDNERER ●
	POLYESTER POWDER COATING	P	1K	CARBOXYLIC POLYESTER RESINS ●	FINEPLUS AC 2660
	POLYESTER POWDER COATING, MATTE, SUPERDURABLE	P	1K	BI FUNCTIONAL POLYESTER RESINS ●	FINEPLUS AC 2660 FINEPLUS AC 2490
	POLYESTER POWDER COATING, MATTE	P	1K	CARBOXYLIC POLYESTER RESINS ●	FINEPLUS AC 2790

- : Conforms to REACH restrictions on isocyanic monomers
- : Suggested materials to use with our products



Top coats

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
TOP COATS	CLEAR, HIGH PERFORMANCE	SB	2K	REXIN 2268 BURNOCK AC 1612	POLURGREN MT 75 01 ●
	CLEAR, FAST PERFORMING	SB	2K	REXIN 2268 BURNOCK AC 8820	POLURGREN MT 75 01 ●
	PIGMENTED	SB	2K	REXIN DP 127 BURNOCK PE 2101	POLURGREN MT 75 01 ●
	PIGMENTED	SB	2K	REXIN DP 127 REXIN HSP 412	POLURGREN MT 75 01 ●
	PIGMENTED, FAST CURING	SB	2K	REXIN 2268 BURNOCK AC 1835	POLURGREN MT 75 01 ●
	AUTOMOTIVE REFINISH	SB	2K	BURNOCK AC 1612	POLURGREN MT 100 LV 01 ●
	CLEAR	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●
	CLEAR, HIGH PERFORMANCE	WB	2K	WATERSOL AC 3080	HYDRORENE AW 5 01 ●
	PIGMENTED ACE	WB	2K	BLUECRYL 242	HYDRORENE AW 1 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Stoving

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
STOVING	NOT YELLOWING	SB	1K	BURNOCK PE 2101	POLURENE BK 1175
	NOT YELLOWING	SB	1K	REXIN HSP 417	POLURENE BK 1175
	HIGH MECHANICAL STRENGTH	SB	1K	REXIN HSP 411 REXIN HSP 412	POLURENE BK 5250 MPA EA
	TOPCOAT, CLEAR	SB	1K	BURNOCK PE 2133 BURNOCK PE 6202	MELAMINE ●
	LOW CURING TEMP.	WB	1K	WATERSOL AC 3080	MELAMINE ●
	HIGH RESISTANCE TO CHEMICALS	WB	1K	BLUECRYL 233	MELAMINE ●
	ANTICORROSION	WB	1K	WATERSOL EP 5501	MELAMINE ●
	HIGH RESISTANCE TO CHEMICALS	WB	1K	BLUECRYL 242	MELAMINE ●

- : Conforms to REACH restrictions on isocyanic monomers
- : Suggested materials to use with our products



Primers

Application	ABS	EPDM	PA	PC	PMMA	PS	PP	PVC	SB = solvent base WB = water base HS = high solid	COMP.	COMPONENT A	COMPONENT B
PRIMERS	X							X	SB	1K	UCOPOL 630 IB	
	X	X	X	X	X	X	X	X	SB	1K	BURNOCK AC 1651	
								X	WB	1K	BLUECRYL 098	
	X			X				X	WB	1K	BLUEPUR 3037	
	X		X	X	X	X		X	SB	1K	BURNOCK AC 8820	
	X		X	X	X	X		X	SB	1K	BURNOCK AC 1835	
	X	X	X	X	X	X		X	SB	2K	BURNOCK AC 1651	POLURGREN MT 75 01 ●
	X		X	X	X	X		X	WB	2K	WATERSOL AC 7000	BURNOCK PU 8985 ● or HYDRORENE AW 65 01 ●
	X		X	X				X	WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● or HYDRORENE AW 65 01 ●
	X			X				X	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●
	X	X		X				X	SB	2K	REXIN 2268 REXIN HSP 412	POLURGREN MT 75 01 ●
	X			X				X	SB	2K	REXIN HSP 411 REXIN HSP 412	POLURGREN MT 75 01 ●
	X			X	X			X	SB	2K	BURNOCK AC 1612	POLURGREN AD BA 01 ●
	X			X	X			X	SB	2K	BURNOCK AC 1218	POLURGREN AD BA 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Top coats

APPLICATION	FEATURES	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
TOP COATS	FAST DRYING	WB	1K	BLUECRYL 098	
	FAST DRYING	WB	1K	BLUEPUR 3037	
	DURABILITY	SB	2K	REXIN 2268 REXIN HSP 412	POLURGREN MT 75 01 ●
	CLEAR COAT, DURABILITY	SB	2K	BURNOCK AC 1612	POLURGREN MT 75 01 ●
	PIGMENTED, GLOSS	SB	2K	BURNOCK AC 8820	POLURGREN MT 75 01 ●
	DURABILITY, FAST DRYING	WB	2K	WATERSOL AC 7000	BURNOCK PU 8985 ● or HYDRORENE AW 65 01 ●
	DURABILITY, CHEMICAL RESISTANCE	WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● or HYDRORENE AW 65 01 ●
	HIGH CHEMICAL RESISTANCE	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●

- : Conforms to REACH restrictions on isocyanic monomers
- : Suggested materials to use with our products



Products for moisture curing Adhesives

WOOD	METAL	PLASTIC	INORGANIC MATERIALS	RUBBER	TEXTILES	SYNTHETIC LEATHER	FOOTWEAR	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	FEATURES	PRODUCTS
X			X	X				SB	1K	NOT YELLOWING – FAST CURING	POLURGREN MC 1180 MPA 01 + PLURGREN PRP 4041 ●
X	X	X	X	X	X	X		SB	1K	HIGH ADHESION	POLURENE LPI 3719
		X	X	X	X	X		SB - HS	1K	ELASTOMERIC	POLURGREN PRP 350 01 + POLURGREN AD 01 ●
X		X	X	X	X			SB - HS	1K	ELASTOMERIC	POLURGREN PRP 450 01 + POLURGREN AD 01 ●
		X	X	X	X			SB - HS	1K	ELASTOMERIC	POLURGREN PRP 750 01 ●
		X	X	X	X			SB - HS	1K	ELASTOMERIC	POLURGREN PRP 6050 01 ●
X		X	X	X	X			SB - HS	1K	ELASTOMERIC	POLURGREN PRP 940 01 ●
X			X	X	X			HS - SB	1K	ELASTOMERIC	POLURENE LPI 604
X			X					HS - SB	1K	HIGH RESISTANCE TO WATER – FAST CURING	POLURENE LPI 34 NT
X	X		X					HS - SB	1K	HIGH PERFORMANCE – FAST CURING	UCOPOL M 621
X	X		X		X			HS - SB	1K	FAST CURING	POLURENE LPI 2320
X	X	X	X	X	X	X	X	HS	1K	REACTIVE PUR HOT MELT ADHESIVE	FINEPLUS HM SERIES + 4,4-MDI MONOMERIC ● OR POLURENE MD 1600

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Products for thermosetting adhesives

WOOD	METAL	PLASTIC	INORGANIC MATERIALS	RUBBER	TEXTILES	SYNTHETIC LEATHER	FOOTWEAR	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	FEATURES	PRODUCTS
	X	X	X		X			SB	1K	STOVING APPLICATION	POLURENE BK 5250 MPA EA + REXIN HSP 411 / 412
X	X		X		X			HS - SB	2K	HIGH MECHANICAL STRENGTH	REXIN HSP 05100 + POLURENE MD 1600
X	X		X		X			HS - SB	2K	HIGH MECHANICAL STRENGTH AND FLEXIBILITY	REXIN HSP 05100 + POLURENE MD 610
X	X	X	X	X	X	X		SB	2K	HIGH FLEXIBILITY	POLURGREN AD 01 ● + REXIN HSP 411 / 412
X	X		X	X	X	X		SB	2K	ADHESION IMPROVEMENT ON DIFFICULT SUBSTRATES	POLURENE TPI 27 EA
							X	WB	2K	HIGH HYDRODISPESIBILITY	UNI-DUR WB 7000 01 ●
							X	WB	2K	HIGHER RESISTANCE TO HYDROLYSIS	UNI-DUR WB 8000 01 ●
							X	SB	2K	FAST CURING	UNI-DUR E 2008 RC
							X	SB	2K	GOOD RESISTANCE TO YELLOWING	UNI-DUR E 1001 RN
							X	SB	2K	HIGH ADHESION IMPROVEMENT	UNI-DUR E 2002 ARFE

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Automotive interior

APPLICATION	ABS, MAGNUM, LUSTRAN	PC, MAKROLON	ABS/PC, BAYBLEND X	PBT/PC, XENOY, MACROBLEND	PA, DURETHAN	EPDM/PPS, HIFAX, SABIC	PP COMPOUND, SABIC	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
PLASTIC PRIMERS / BASECOATS IN ONE	X	X	X	X	X			SB	1K	BURNOCK AC 8820	
	X	X	X	X	X			SB	1K	BURNOCK AC 1835	
	X	X	X	X	X	X	X	SB	1K	BURNOCK AC 1651	
	X	X	X	X				WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●
	X	X	X	X	X			WB	2K	WATERSOL AC 7000	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●
TOP COATS	PIGMENTED & CLEAR COAT, DURABILITY							SB	2K	BURNOCK AC 1612	POLURGREN MT100 LV 01 ●
	CLEAR COAT, FAST CURING							SB	2K	BURNOCK AC 8820	POLURGREN MT100 LV 01 ●
	PIGMENTED, LOW VOC							WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●
SINGLE LAYERS	X	X	X	X				SB	2K	BURNOCK AC 1612	POLURGREN MT75 01 ●
	X	X	X	X				SB	2K	BURNOCK AC 1218	POLURGREN MT75 01 ●
	X	X	X	X	X			SB	2K	BURNOCK AC 8820	POLURGREN MT75 01 ●
	X	X	X	X	X			WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●

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Automotive exterior

APPLICATION	ABS, MAGNUM, LUSTRAN	PC, MAKROLON	ABS/PC, BAYBLEND Xf	PBT/PC, XENOY, MACROBLEND	PA, DURETHAN	EPDM/PPS, HIFAX, SABIC	PP COMPOUND, SABIC	SB = SOLVENT BASE WB = WATER BASE HS = HIGH SOLID	COMP.	COMPONENT A	COMPONENT B
PLASTIC PRIMERS	X	X	X	X	X			SB	1K	BURNOCK AC 8820	
	X	X	X	X	X			SB	1K	BURNOCK AC 1835	
	X	X	X	X	X	X	X	SB	1K	BURNOCK AC 1651	
	X	X	X	X				WB	2K	WATERSOL AC 3080	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●
	X	X	X	X	X			WB	2K	WATERSOL AC 7000	BURNOCK PU 8985 ● OR HYDRORENE AW 65 01 ●
TOP COATS	PIGMENTED & CLEAR COAT, DURABILITY							SB	2K	BURNOCK AC 1612	POLURGREN MT100 LV 01 ●
	PIGMENTED, FAST CURING							SB	2K	BURNOCK AC 8820	POLURGREN MT100 LV 01 ●
BASECOATS	SOLID COLOR							SB	2K	BURNOCK AC 1612	POLURGREN AD BA 01 ●
	METALLICS							SB	2K	BURNOCK AC 1218	POLURGREN AD BA 01 ●
	CHROME LOOK							SB	2K	BURNOCK AC 8820	POLURGREN AD BA 01 ●

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● : Suggested materials to use with our products

Products for ink application

APPLICATION	FEATURES	OPA	OPP	PET	PE	OPS	ALU	COMPONENT
FLEXO AND GRAVURE PRINT	MONO-SOLVENT LAMINATION INKS, GOOD PRINTABILITY, RETORT APPLICATIONS	X	X	X	X	X		BURNOCK PU 4201
	SURFACE AND LAMINATION PRINTING INKS	X	X	X	X	X		BURNOCK PU 4210
	HIGH SOLID PU RESIN, SUITABLE FOR FLEXO AND GRAVURE INKS	X	X	X	X	X		BURNOCK PU 4260
	HIGH OPAQUE INKS, HIGH BOND STRENGTHS	X	X	X	X	X		BURNOCK PU 4285
	NC-PU INKS, LAMINATION, REVERSE, SURFACE PRINTING		X	X	X		X	POLURENE 5580 K
	NC-PU INKS, GOOD PIGMENT COMPATIBILITY		X	X	X		X	POLURENE 5870 K
	MONOSOLVENT, INTERNAL PRINTING. SUITABLE FOR FULL-PU INKS. MAINLY FOR GRAVURE	X	X	X	X		X	POLURENE 1062 K
	NC-PU INKS, INTERNAL AND SURFACE PRINTING. GOOD PRINTABILITY	X	X	X	X		X	POLURENE 0780 K
	PU-BASED PLASTICIZER	X	X	X				POLURENE 5892 K

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Products for ink application

APPLICATION	FEATURES	OPA	OPP	PET	PE	OPS	COMPONENT	
OPV	FAST CURING. GOOD MATTING EFFECT WHEN FORMULATED WITH SILICA		X	X			REXIN 1939 K	POLURGREN IR 51 01 K
	HIGH GLOSS SYSTEM		X	X			REXIN 6258 K	POLURGREN OK 01 K
	GOOD FLEXIBILITY		X	X			REXIN 6302 K	POLURGREN FP 75 01 K

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