



Summary for all SAPICI products
Ranging from Isocyanic Resins to products
for printing, inks and footwear

Experience. Transformation.

SAPICI

SunChemical
a member of the DIC group 
Color & Comfort



Aliphatic Polyisocyanates

Name	Technical Data										Performance										Formulations				Substrates				
	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	MAX COLOR HAZEN	SANDING	FAST FILM FORMING	POT LIFE	MATting	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE	2K CLEAR TOP GLOSS	2K CLEAR TOP MAT	2K PIGMENTED TOP	1K GLOSS TOP COAT	WOOD	METAL	BUILDING	PLASTIC	TEXTILE	LEATHER
POLURENE T70	IPDI	T	BA	70	12.5	0.50	900	336	80	2	3	3	1	2	2	3	3	1	3	X	X	X		X	X	X	X	X	X
POLURENE T70 EA	IPDI	T	EA	70	12.5	0.50	400	336	80	2	3	3	1	2	2	3	3	1	3	X	X	X		X	X	X	X	X	X
POLURGREEN MC 1180 01 ●	HDI	P	MPA	80	11.5	0.10	800	365	100	2	3	1	1	2	3	2	3	3	3				X	X		X			
POLURGREEN XP 1830 01 ●	HDI	P	BA	80	13.7	0.10	700	307	150	1	1	2	1	2	2	2	2	0	3	X	X	X		X	X	X	X	X	X
POLURENE M 75	HDI	B	X MPA	75	16.5	0.38	250	255	40	1	1	3	1	2	3	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURENE M 75 BA	HDI	B	BA	75	16.5	0.50	150	255	40	1	1	3	1	2	3	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURGREEN MT 75 01 ●	HDI	T	X MPA	75	16.5	0.10	100	255	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURENE MT 75	HDI	T	X MPA	75	16.5	0.15	100	255	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURGREEN MT 90 01 ●	HDI	T	BA N	90	19.8	0.10	550	212	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURENE MT90	HDI	T	BA N	90	19.8	0.15	550	212	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURGREEN MT 90 BA 01 ●	HDI	T	BA	90	19.8	0.10	500	212	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURENE MT 90 BA	HDI	T	BA	90	19.8	0.10	500	212	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURGREEN MT 100 01 ●	HDI	T		100	22.0	0.10	2500	191	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X
POLURENE MT 100	HDI	T		100	22.0	0.15	2500	191	40	1	1	3	1	2	2	1	2	0	3	X	X	X		X	X	X	X	X	X

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

● : Conforms to REACH restrictions on isocyanic monomers

0 Scarce | 3 Excellent

Aliphatic - Aromatic Isocyanurates

Technical Data										Performance										Formulations						Substrates			
Name	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	COLOR GARDNER	SANDING	FAST FILM FORMING	POT LIFE	MATting	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE	2K CLEAR SEALERS	2K PIGMENTED SEALERS	2K CLEAR TOP GLOSS	2K CLEAR TOP MAT	2K PIGMENTED TOP	WOOD	METAL	BUILDING	PLASTIC	
POLURENE OK HP	TDI HDI	T	BA	60	9.8	0.50	350	429	1	2	2	2	1	3	2	2	2	0	1	X	X	X		X	X	X			
POLURGREEN OK HD 01 	TDI HDI	T	BA	60	10.0	0.10	400	420	1	2	2	1	1	3	2	2	2	0	1	X	X	X		X	X	X			
POLURGREEN OK 01 	TDI HDI	T	BA	60	10.1	0.10	800	416	1	2	2	0	2	2	2	2	2	0	1	X	X	X	X	X	X	X	X		
POLURENE OKD	TDI HDI	T	BA	60	10.2	0.50	800	412	1	2	2	0	2	2	2	2	2	0	1	X	X	X	X	X	X	X	X		
POLURENE OKD EA	TDI HDI	T	EA	60	10.2	0.50	350	412	1	2	2	0	2	2	2	2	2	0	1	X					X	X	X	X	
POLURENE OKDS	TDI HDI	T	BA	60	10.5	0.50	2200	400	1	2	2	1	1	3	2	2	2	0	1	X	X	X		X	X	X			
POLURENE 2391	TDI IPDI	T	BA	70	11.8	0.20	1100	356	2	2	2	1	1	3	2	2	2	0	2	X	X		X		X	X		X	

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

● : Conforms to REACH restrictions on isocyanic monomers

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Aromatic Prepolymers

Name	Technical Data										Performance										Formulations		Substrates	
	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	COLOR GARDNER	SANDING	FAST FILM FORMING	POT LIFE	MATting	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE	2K CLEAR SEALERS	1K GLOSS TOP COAT	WOOD	METAL	BUILDING
UCOPOL M505	TDI	P	BA / EA	53	4.8	0.50	<50	875	1	3	3	0	1	3	2	2	3	3	1		X	X		X
UCOPOL M 2851	TDI	P	X MPA	60	5.5	0.50	800	764	1	3	3	0	1	3	2	2	3	3	1		X	X	X	X
UCOPOL M 33 60	TDI	P	X MPA	60	5.8	0.50	400	724	1	3	3	0	1	3	2	2	3	3	1		X	X		X
UCOPOL M 4054	TDI	P	X MPA	60	6.5	0.50	350	646	2	3	3	0	1	3	2	2	3	3	1		X	X		X
POLURENE MD 50 EA	MDI	P	EA	50	7.1	3.00	50	592	1	3	3	1	1	1	1	2	2	2	0	X		X		
POLURGREEN MC 5860 MPAX 01 	TDI	P	X MPA	60	7.5	0.10	1100	560	2	3	3	0	1	3	2	2	3	3	1		X	X		X

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

 : Conforms to REACH restrictions on isocyanic monomers

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Aromatic Isocyanurates

Technical Data										Performance										Formulations				Substrates	
Name	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	COLOR GARDNER	SANDING	FAST FILM FORMING	POT LIFE	MATTING	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION RESISTANCE	MOISTURE CURING	YELLOWING RESISTANCE	2K CLEAR SEALERS	2K PIGMENTED SEALERS	2K CLEAR TOP GLOSS	2K CLEAR TOP MAT	WOOD	METAL
POLURGREEN IR 7050 BA 01 ●	TDI	T	BA	50	7.0	0.10	600	600	1	3	3	2	2	2	1	3	1	1	1	X	X	X	X	X	X
POLURENE AC 510	TDI	T	BA	50	7.2	1.00	200	584	1	3	3	2	2	2	1	3	1	1	1	X	X	X	X	X	X
POLURENE HRBS	TDI	T	BA	50	7.2	0.50	600	584	1	3	3	1	2	2	1	3	1	1	1	X	X	X	X	X	X
POLURGREEN IR 01 ●	TDI	T	BA	50	7.9	0.10	1050	532	1	3	3	0	3	1	1	3	1	1	1	X	X	X	X	X	X
POLURENE IR 51 BA	TDI	T	BA	50	8.0	0.50	950	525	1	3	3	0	3	1	1	3	1	1	1	X	X	X	X	X	X
POLURENE 7581	TDI	T	BA	50	8.0	0.50	350	525	1	3	3	1	2	2	1	3	1	1	1	X	X	X	X	X	
POLURGREEN SB 50 BA 01 ●	TDI	T	BA	50	8.0	0.10	450	525		3	2	2	2	2	1	3	2	1	1	X	X	X	X	X	X
POLURENE SB 50 BA	TDI	T	BA	50	8.2	0.50	400	512	1	3	2	2	2	2	1	3	2	1	1	X	X	X	X	X	X
POLURENE 3031	TDI	T	BA	50	8.7	0.50	450	483	1	2	2	3	2	2	1	2	1	1	1	X	X	X	X	X	

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

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Aromatic Adducts

Name	Technical Data										Performance										Formulations					Substrates				
	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	COLOR	GARDNER	SANDING	FAST FILM	POT LIFE	MATting	FULLNESS	FLEXIBILITY	HARDNESS	ABRASION	MOISTURE CURING	YELLOWING RE-	2K CLEAR SEAL-	2K PIGMENTED	2K CLEAR TOP	2K CLEAR TOP	2K PIGMENTED	WOOD	METAL	BUILDING	PLASTIC	TEXTILE
POLURGREN 60T 01 	TDI	A	BA	60	9.7	0.10	1600	433	1		2	1	3	1	3	2	2	2	1	1	X	X	X	X	X	X	X			
POLURENE 60T	TDI	A	BA	60	9.7	0.50	1600	433	1		2	1	3	1	3	2	2	2	1	1	X	X	X	X	X	X	X			
POLURGREN AD 67 01 	TDI	A	X	67	11.3	0.10	1500	372	1		1	1	3	1	3	2	2	2	0	1	X	X	X		X	X	X	X	X	X
POLURGREN AD BA 01 	TDI	A	BA	67	11.8	0.10	600	356	1		1	1	3	1	3	3	2	2	0	1	X	X	X		X	X	X	X	X	X
POLURENE AD BA LV	TDI	A	BA	67	11.8	0.50	600	356	1		1	1	3	1	3	3	2	2	0	1	X	X	X		X	X	X	X	X	X
POLURGREN AD 01 	TDI	A	EA	75	13.0	0.10	2100	323	1		1	1	3	1	3	3	2	2	0	1	X	X	X		X	X	X	X	X	X
POLURENE AD	TDI	A	EA	75	13.0	0.50	2100	323	1		1	1	3	1	3	3	2	3	0	1	X	X	X		X	X	X	X	X	X

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

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Aliphatic Polyisocyanates

Technical Data										Performance										Formulations			Substrates					
Name	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	MAX COLOR HAZEN	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RESISTANCE	HEAT RESISTANCE	TENSILE STRENGTH	OUTDOOR RESISTANCE	ADHESION	HYDROLYSIS RESISTANCE	2K ADHESIVE	2K MEMBRANE	2K POLYUREA	WOOD	METAL	PLASTIC	PAPER	CONCRETE	STONE CARPETS	
POLURENE T70 EA	IPDI	T	EA	70	12.0	0.50	400	350	80	3	2	2	2	2	3	3	3	2	X			X	X	X				
POLURGREEN MT90 01 ●	HDI	T	BA N	90	19.8	0.1	550	212	40	0	2	2	2	2	1	3	2	3	X	X	X	X	X			X		
POLURGREEN MT 100 HV ●	HDI	T		100	21.0	0.1	5000	200	80	0	2	2	2	2	1	3	2	3	X			X	X		X			
POLURGREEN MT100 01 ●	HDI	T		100	22.0	0.1	2500	191	40	0	2	2	2	2	1	3	2	3	X	X	X	X	X	X		X	X	
POLURENE MT 100	HDI	T		100	22.0	0.15	2500	191	40	0	2	2	2	2	1	3	2	3	X	X	X	X	X	X		X	X	
POLURGREEN MT100 LV 01 ●	HDI	T		100	23.0	0.1	1200	183	40	0	2	2	2	2	1	3	2	3	X	X	X	X	X			X	X	
POLURENE MT100 LV	HDI	T		100	23.0	0.15	1200	183	40	0	2	2	2	2	1	3	2	3	X	X	X	X	X			X	X	
POLURGREEN MT100 LLV 01 ●	HDI	T		100	23.0	0.1	700	183	60	0	2	2	2	2	1	3	2	3	X	X	X	X	X			X	X	
POLURENE MT100 LLV	HDI	T		100	23.0	0.15	700	183	60	0	2	2	2	2	1	3	2	3	X	X	X	X	X			X	X	

Mixed Isocyanurate From TDI/HDI

POLURENE OKD EA	TDI HDI	T	EA	60	10.2	0.50	350	412	150	2	1	1	2	2	2	1	2	3	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

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Aliphatic Prepolymers

Name	Technical Data									Performance										Formulations								Substrates					
	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	MAX COLOR HAZEN	FAST FILMFORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STRENGTH	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	1K ADHESIVE	2K ADHESIVE	1K SB PRIMER	1K MEMBRANE	2K MEMBRANE	2K POLYUREA	2K CASTING	WOOD	METAL	PLASTIC	CONCRETE	STONE CARPETS	FABRICS	RUBBER
POLURGREEN PRP 800 01 	HDI	P		100	8.0	0.1	TIX	525	100	0	3	3	2	2	2	3	2	3	0		X			X		X				X		X	
POLURGREEN PRP 4041 01 	HDI	P		100	10.0	0.1	2500	420	100	0	3	3	2	2	1	3	2	3	0		X			X	X	X		X	X	X		X	X
POLURGREEN MC 1180 MPA 01 	HDI	P	MPA	80	11.5	0.1	700	365	100	3	3	2	2	2	3	3	2	3	3	X		X	X			X	X		X	X			

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

 : Conforms to REACH restrictions on isocyanic monomers

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Aromatic Prepolymers and Polyisocyanates from TDI

Technical Data										Performance										Formulations										Substrates						
Name	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s	EW	MAX COLOR GARDNER	FAST FILM FORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STRENGTH	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	1K ADHESIVE	2K ADHESIVE	1K SB PRIMER	1K MEMBRANE	2K MEMBRANE	2K POLYUREA	2K CASTING	1K FOAM	WOOD	METAL	PLASTIC	PAPER	CONCRETE	FABRICS	RUBBER		
POLURGREN PRP 5500 01	TDI	P		100	2.3	0.1	8000	1827	3	1	2	1	2	2	2	2	2	3	1		X			X	X	X		X				X				
POLURGREN PRP 350 01	TDI	P		100	3.5	0.1	7000	1201	2	1	3	3	2	2	1	2	2	3	2	X	X		X	X	X	X						X	X	X		
POLURGREN PRP 450 01	TDI	P		100	4.5	0.1	7500	934	2	1	3	3	2	2	2	2	2	3	2	X	X	X	X	X	X	X						X	X	X		
POLURGREN PRP 750 01	TDI	P		100	7.5	0.1	55000 (8000 40°C)	560	3	1	3	2	2	2	3	2	3	3	2	X	X	X	X	X	X	X		X				X		X		
POLURGREN PRP F 930 01	TDI	P		100	9.3	0.1	1000000 (15000 50°C)	452	3	1	3	2	2	2	3	2	3	3	3	X						X	X	X				X				
POLURGREN PRP 940 01	TDI	P		100	9.3	0.1	47000 (7000 40°C)	452	2	1	3	2	2	2	3	2	3	3	2	X	X	X			X	X		X				X				
POLURENE IR 51 EA	TDI	T	EA	50	8.0	0.3	250	525	1	3	1	1	3	3	2	1	2	3	1		X						X				X					
POLURGREN FP 75 01	TDI	A	EA	75	13.0	0.1	2000	323	1	1	2	2	3	3	3	1	2	3	0		X							X	X	X			X	X		
POLURENE FP 75	TDI	A	EA	75	13.0	0.5	2100	323	1	1	2	2	3	3	3	1	2	3	0		X							X	X	X			X	X		

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

● : Conforms to REACH restrictions on isocyanic monomers

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Aromatic Polyisocyanates and Prepolymers from MDI

Technical Data											Performance										Formulations								Substrates						
Name	NCO TYPE	NCO FORM	SOLVENT	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s (23°C)	EW	MAX COLOR HAZEN	MAX COLOR GARDNER	FAST FILMFORMING	FLEXIBILITY	ELONGATION	CHEMICAL RES.	HEAT RESISTANCE	HIGH TENSILE STREIGHT	OUTDOOR	ADHESION	HYDROLYSIS RESISTANCE	MOISTURE CURING	1K ADHESIVE	2K ADHESIVE	1K SB PRIMER	2K MEMBRANE	2K POLYUREA	2K CASTING	1K FOAM	WOOD	METAL	PLASTIC	PAPER	CONCRETE	FABRICS	RUBBER	
POLURENE LPI 3719	MDI	P	EA	68	1.9	5	10000	2212		2	2	3	3	2	2	1	1	3	3	2	X							X	X	X	X	X	X	X	X
POLURGREEN PRP 6050 01	MDI	P		100	4.8	0.3	70000 (10000 40°C)	875		2	1	3	3	2	2	2	1	3	3	1	X	X			X	X		X					X	X	X
POLURENE LP 200 B	MDI	P	EA	20	6.0	5	<100	700		18	2	1	1	3	2	2	0	2	3	2	X	X						X				X	X		
POLURENE LPI 604	MDI	P		100	9.5	10	6000	442		3	2	2	2	2	2	2	1	2	3	2	X							X				X	X	X	
POLURENE LPI 2320	MDI	P		100	13.0	30	12000	323		18	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	2	1	1	3	2	2	1	2	3	2	X	X		X	X			X	X	X		X			
POLURENE LPI 34 NT	MDI	P		100	15.0	15	3000	280		18	2	1	1	3	2	2	1	2	3	3	X		X					X				X			
UCOPOL M621	MDI	P		100	16.5	15	4500	255		18	3	1	1	3	2	3	0	2	3	3	X	X	X				X	X				X			
UCOPOL M601	MDI	P		100	25.0	55	150	168		18	3	0	0	2	2	1	0	2	3	3			X									X			
UCOPOL M602	MDI	P		100	25.0	55	150	168		18	2	0	0	2	2	1	0	2	3	3			X									X			
POLURENE MD 1600	MDI	P		100	31.5	85	100	133		18	3	0	0	3	3	1	0	2	3	1		X										X			
POLURENE MD 1500	MDI	P		100	32.5	90	50	129		18	3	0	0	3	3	1	0	2	3	1		X										X			

Special Isocyanates

POLURENE TPI 27 EA	TPTI		EA	27	7.1		50	592		18	1	1	1	1	2	1	1	3	2	0		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
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Aromatic Prepolymers

Name	Technical Data								Performance		
	NCO TYPE	NCO FORM	CHAIN EXTENSION	SOLIDS	NCO %	MAX FREE MONOMER %	VISCOSITY mPa s	EW	FAST FILM FORMING	FLEXIBILITY	ELONGATION
POLURCAST PET80A-01 ●	TDI	P	PET	100	2.9	0.1	TIX (2700 70°C)	1449	0	3	3
POLURCAST PE80A-01 ●	TDI	P	PE	100	2.9	0.1	TIX (800 70°C)	1449	0	3	3
POLURCAST PET85A-01 ●	TDI	P	PET	100	3.5	0.1	TIX (2700 70°C)	1201	0	3	3
POLURCAST PET90A-01 ●	TDI	P	PET	100	3.9	0.1	TIX (2000 70°C)	1077	0	3	3
POLURCAST PE90A-01 ●	TDI	P	PE	100	4.5	0.1	TIX (350 70°C)	934	0	3	3
POLURCAST PE93A-01 ●	TDI	P	PE	100	5.2	0.1	15000	808	0	3	3
POLURCAST PET95A-01 ●	TDI	P	PET	100	5.4	0.1	TIX (1600 70°C)	778	0	3	3
POLURCAST PE95A-01 ●	TDI	P	PE	100	6.0	0.1	10000 / TIX	700	1	3	3
POLURCAST PE75D-01 ●	TDI	P	PE	100	9.4	0.1	TIX (400 70°C)	447	3	2	2

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

● : Conforms to REACH restrictions on isocyanic monomers

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Short Oil Alkyds for Sealers and Mat Effect

Technical Data												Performance												
Name	SOLIDS	SOLVENT	OIL %	OIL TYPE	VISCOSITY mPa s (23°C)	ACIDITY (MAXIMUM)	n°OH (mg KOH)	OH % on supply form	OH % on solids	EW	COLOR GARDNER	SANDING	MATting	FULLNESS	FLEXIBILITY	RECOATABILITY	WETTABILITY	CHEMICAL RES.	HARDNESS	POLISHABILITY	ABRASION RESISTANCE	TRANSPARENCY	OUTDOOR RESISTANCE	HIGH SOLIDS
REXIN 129	60	X	30	OLIVE	16000	16	60	1.8	3.0	934	5	3	3	2	0	2	1	1	3	1	1	2	0	1
REXIN C760	60	X	31	OLIVE CASTOR	6000	7	80	2.4	4.0	702	5	2	2	2	2	2	2	1	2	2	2	2	0	1
REXIN DS 214 80 BA	80	BA	26	OLIVE	750	10	110	3.3	4.2	510	5	1	1	2	3	1	2	1	1	1	2	2	1	3

Castor Oil Alkyds

REXIN DP 343	60	X	45	CASTOR	2500	15	90	2.7	4.5	623	6	2	1	2	3	1	3	1	1	1	1	2	0	1
REXIN 1733 65 BA	65	BA	30	CASTOR SOY	7000	15	125	3.8	5.8	449	6	2	3	2	2	2	2	2	2	2	2	2	1	1

Short Oil Alkyds for High Gloss Effects

REXIN HG 70	70	X	27	OLIVE SYN- THETIC	2000	15	90	2.7	3.9	623	4	3	1	3	1	2	2	2	2	3	2	3	2	2
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Special Resins

REXIN 2268	80	X	30	SYN- THETIC	4500	15	115	3.5	4.4	488	1	0	0	3	3	2	3	3	2	1	2	3	3	3
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Short Oil Alkyds for Sealers and Mat Effect

	Formulations											Compatibility							Substrates								
Name	2K CLEAR SEALERS	2K PIGMENTED SEALERS	2K CLEAR TOP GLOSS	2K CLEAR TOP MAT	2K PIGMENTED TOP	2K SELF LEVELLING	PIGMENTED PASTE	BAKING	2K ADHESIVES	MAT OPV	GLOSS OPV	NITRO	ACID CURING	MELAMINE	CAB	ACRYLIC	EPOXY	VINYL	WOOD	METAL	GALVANIZED IRON	CONCRETE PRIMER	CONCRETE TOP	LEATHER	PLASTIC	PU GUM	MELAMINIC PANELS
REXIN 129	X		X	X															X								
REXIN C760	X	X		X	X							X	X	X					X	X							
REXIN DS 214 80 BA		X	X		X														X								

Castor Oil Alkyds

REXIN DP 343	X	X			X							X	X						X								
REXIN 1733 65 BA	X	X		X								X	X	X					X								

Short Oil Alkyds for High Gloss Effects

REXIN HG 70	X	X	X		X						X								X								
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Special Resins

REXIN 2268			X		X		X				X	X			X	X	X	X	X	X						X		X
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High Performance Alkyds

Technical Data												Performance												
Name	SOLIDS	SOLVENT	OIL %	OIL TYPE	VISCOSITY mPa s (23°C)	ACIDITY (MAXIMUM)	n°OH (mg KOH)	OH % on supply form	OH % on solids	EW	COLOR GARDNER	SANDING	MATting	FULLNESS	FLEXIBILITY	RECOATABILITY	WETTABILITY	CHEMICAL RES.	HARDNESS	POLISHABILITY	ABRASION RESISTANCE	TRANSPARENCY	OUTDOOR RESISTANCE	HIGH SOLIDS
REXIN 590 70 BA	70	BA	26	OLIVE	3100	12	100	3.0	4.3	561	2	2	1	2	3	3	2	2	2	2	2	3	1	2
REXIN DP 127	70	BA	15	SYN- THETIC	2600	10	125	3.8	5.4	449	1	2	1	2	2	2	3	2	3	2	2	3	2	1
REXIN DS 256 75 BA	75	BA	23	SYN- THETIC	2000	10	140	4.2	5.6	401	3	2	1	2	3	2	3	2	3	2	2	2	2	2
REXIN HSP 50	100		90	CASTOR	800	2	160	4.8	4.8	351	4	0	1	1	3	1	2	1	1	0	1	1	3	1
REXIN HSP 05100	100		33	CASTOR	28000	15	210	6.4	6.4	267	3	1	1	3	2	1	2	3	3	1	3	0	1	3

Saturated Polyester Resins

REXIN HSP 417	100				15000	5	40	1.2	1.2	1417	2	0	2	1	3	0	1	0	0	0	1	0	0	0
REXIN HSP 411	100				30000	4	180	5.5	5.5	312	2	2	1	2	2	2	2	3	3	3	2	3	2	3
REXIN HSP 412	100				5000	4	200	6.1	6.1	281	2	0	1	2	3	1	2	1	0	0	3	3	1	2
REXIN DP 408 80 BA	80	BA			1400	4	240	7.3	9.1	234	3	3	1	2	3	2	2	2	3	3	3	3	2	2

High Performance Alkyds

Name	Formulations											Compatibility							Substrates								
	2K CLEAR SEAL-ERS	2K PIGMENTED SEALERS	2K CLEAR TOP GLOSS	2K CLEAR TOP MAT	2K PIGMENTED TOP	2K SELF LEVELLING	PIGMENTED PASTE	BAKING	2K ADHESIVES	MAT OPV	GLOSS OPV	NITRO	ACID CURING	MELAMINE	CAB	ACRYLIC	EPOXY	VINYL	WOOD	METAL	GALVANIZED IRON	CONCRETE PRIMER	CONCRETE TOP	LEATHER	PLASTIC	PU GUM	MELAMINIC PANELS
REXIN 590 70 BA	X	X	X	X	X														X								
REXIN DP 127			X		X		X				X	X		X	X	X	X	X	X	X	X		X				X
REXIN DS 256 75 BA			X		X		X				X	X	X	X					X	X							
REXIN HSP 50						X			X													X					
REXIN HSP 05100	X		X		X	X		X	X										X			X	X				

Saturated Polyester Resins

REXIN HSP 417	X	X			X			X				X	X	X		X			X						X		
REXIN HSP 411	X	X	X	X	X			X		X	X	X		X					X		X		X		X		X
REXIN HSP 412		X	X		X			X				X				X			X		X			X	X	X	X
REXIN DP 408 80 BA	X	X	X	X	X						X	X	X	X					X								

Blocked Isocyanates for Baking Application

Name	Technical Data												Performance				Formulations			Substrates					
	SOLIDS	SOLVENT / PLASTICIZER	TYPE	BLOCKING AGENT	VISCOSITY mPa s	MAX FREE MONOMER %	MAX FREE NCO%	BLOCKED NCO %	EW - PU	EW - EP	DEBLOCKING TEM- PERATURE °C	MAX COLOR GARDNER	FLEXIBILITY	HEAT RESISTANCE	YELLOWING RESISTANCE	OUTDOOR	1K TOP COAT	2K ADHESIVES	2K SEALERS	METAL	SYNTHETIC LEATHER	TEXTILE	WOOD	CONCRETE	PVC
POLURENE BK 1175	75	N	HDI	M	3750	0.1	0.1	11.1	379		150	1	2	2	2	3	X			X					
POLURENE BK 5250 MPA EA	50	MPA EA	TDI	P	100	0.1	0.1	6.1	689		130	3	1	3	1	1	X			X	X	X			X

Blocked Prepolymers for Adhesive Application

POLURGREEN LP 100 LH ●	100		TDI	C	35000	0.1	0.2	2.1	2000	1000		8	3	1	0	1		X	X				X	X	X
POLURGREEN LP 100 LV ●	100		TDI	C	20000	0.1	0.2	2.1	2000	1000		3	3	1	0	1		X	X				X	X	X
POLURGREEN LP 90 LH ●	90	DOA	TDI	C	12000	0.1	0.2	1.9	2200	1100		8	3	1	0	1		X	X				X	X	X

Key: M Meko | P Pentanon Oxime | C Cardanol

● : Conforms to REACH restrictions on isocyanic monomers

0 Scarce | 3 Excellent

Hydrophilic Polyisocyanates

Name	Technical Data									Performance					Formulations						Substrates			
	TYPE	SOLIDS	SOLVENT	NCO %	MAX FREE MONOMER	VISCOSITY (mPa s)	EW	MAX COLOR GARDNER	HIGH GLOSS	MATting	HYDRODISPER-DIBILITY	FULLNESS	HIGH SOLID	OUTDOOR	2K CLEAR SEALERS	2K PIGMENTED SEALERS	2K CLEAR TOP GLOSS	2K CLEAR TOP MAT	2K PIGMENTED TOP	ADHESIVE	WOOD	METAL	CONCRETE	PLASTIC
HYDRORENE AW 65 PMA 01 ●	HDI	65	MPA	10.5	0.1	90	400	2	3	3	3	3	1	3	X	X	X	X	X	X	X		X	X
HYDRORENE AW 65 DPGDME 01 ●	HDI	65	DPGDME	10.5	0.1	85	400	2	3	3	3	3	1	3	X	X	X	X	X	X	X		X	X
HYDRORENE AW5 01 ●	HDI	100		16.0	0.1	7000	263	2	3	3	3	3	1	3	X	X	X	X	X	X	X		X	X
HYDRORENE AW1 01 ●	HDI	100		17.0	0.1	3000	247	2	2	3	2	2	2	3	X	X	X	X	X	X	X		X	X
HYDRORENE AW4 01 ●	HDI	100		20.5	0.1	2000	205	2	1	3	1	1	3	3	X	X		X	X	X	X	X	X	
HYDRORENE AW6 01 ●	HDI	100		23.0	0.1	700	183	2	0	3	0	0	3	3	X	X				X	X	X	X	

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

● : Conforms to REACH restrictions on isocyanic monomers

0 Scarce | 3 Excellent

Polyurethanic Dispersions

Technical Data								Performance									Formulations				Substrates												
Name	TYPE	SOLIDS %	Ph	VOC %	VISCOSITY (mPa s)	OH% on solids	EW	HARDNESS	SANDABILITY	BLOCKING RES.	FLEXIBILITY	CHEMICAL R.	WOOD WARM	HYDROLISIS	ABRASION RES.	BMHR	LIGHTFASTNESS R.	1K	2K	1K STOVING	PIGMENTED	WOOD	PARQUET	JOINERY	FURNITURE	METAL	IND. FLOORING	INDUSTRY	WATERPROOFING MEMBRANES	PLASTIC	TEXTILE	LEATHERS	SINT. LEATHERS
BLUEPUR 2937	PU s.c.l.	36	8.0	1% Acet.	200			3	3	3	1	3	2	3	2	3	1	X				X	X		X	X				X			
BLUEPUR 3037	PU s.c.l.	38	7.5	1% Acet.	300			2	2	2	2	2	2	2	2	2	1	X				X	X							X			
BLUEPUR 3070	PUD	40	8.0	0	200			2	2	2	2	2	2	2	3	2	1	X	X			X	X		X								
BLUEPUR 3080	PUD	40	7.5	0	300			0	0	1	3	1	1	1	1	1	1	X				X									X	X	
BLUEPUR T52	PUD	50	7.5	0	100			1	0	1	3	3		3	1	1	2	X											X			X	X

Acrylic Emulsions

BLUECRYL 012	AC s.c.l.	40	8.0	0	100			2	2	2	2	2	1	2	1	1	1	X				X	X		X								
BLUECRYL 092	AC s.c.l.	40	8.0	0	100			3	2	3	1	2	1	3	1	1	1	X				X			X								
BLUECRYL 098	AC s.c.l.	42	8.0	0	100			1	1	2	3	2	1	2	1	1	3	X						X		X			X				

OH Acrylic Emulsions

BLUECRYL 213	ST-AC/OH	47	4.5	0	500	1.3	2782	2	2	2	2	2		2	2	3	1		X	X					X	X						
BLUECRYL 233	AC/OH	46	8.0	0	1000	3.3	1120	2	2	2	2	3	2	3	3	3	3		X	X	X	X	X		X	X	X	X		X		
BLUECRYL 242	AC/OH	46	8.0	0	1500	4.2	880	3	2	3	1	3	2	3	2	3	3		X	X	X	X	X		X	X	X	X				

Key:

PUD

PU s.c.l.

POLYURETHANE DISPERSION

POLYURETHANE DISPERSION SELF-CROSSLINKING

AC s.c.l.

AC/OH

●

ACRYLIC EMULSION SELF-CROSSLINKING

OH-CONTAINING ACRYLIC EMULSION

: Conforms to REACH restrictions on isocyanic monomers

Air Drying Alkyd Resins

Name	RESIN TYPE	OIL TYPE	Technical Data							Performance										Formulations				Substrates				
			OIL % ON SOLID	PU TYPE	SOLIDS	SOLVENT	VISCOSITY mPa s	ACIDITY (MAXIMUM)	COLOR GARDNER	SANDING	FAST DRYING	MATting	FULLNESS	FLEXIBILITY	CHEMICAL RES.	HARDNESS	ABRASION RESISTANCE	YELLOWING RESIST.	OUTDOOR	1K MATT FINISH	1K GLOSS FINISH	PIGMENT ENAMELS	WHITE ENAMELS	WINDOWS	BOATS	IMPREGNATING	PARQUET	ANTICORROSION
UCOPOL OL 18 50 X	OL UR	SOY LINSEED	56	AR	50	X	5500	0.3	6	3	3	3	2	1	2	3	2	1	2	X						X	X	
UCOPOL OL W 41 55 WD	AL/UR	SPECIAL	58	AL	55	WD	5500	4	4	1	2	1	3	2	2	2	2	3	3			X	X	X	X	X		X
UCOPOL OL 17 60 WD	OL UR	SOY LINSEED	65	AR	60	WD	5000	1	6	2	2	1	3	2	2	2	2	1	2		X	X		X	X	X	X	X

Key:

OL UR OLEOURETHANIC
AL UR URETHANE MODIFIED ALKYD RESIN
AR AROMATIC
AL ALIPHATIC

● : Conforms to REACH restrictions on isocyanic monomers

Additives

Technical Data										Formulations			
Name	TYPE	ACTIVE %	SOLIDS %	SOLVENT	VISCOSITY mPa s	NCO %	MW	EW	COLOR GARDNER	WATER SCAVENGER	ADHESION PROMOTER	METAL CATALYST	RHEOLOGY MODIFIER
POLURENADD T100	TIN	100	100		2500				3			X	
POLURENADD BF5		98			<200		148.2	74.1		X			
POLURENADD PTSI	PTSI	100					165	165		X			
POLURENADD 20 X	POLY-AMIDE	20	20	X	TIX								X
POLURENE TPI 27 EA	TPTI	27	27	EA	50	7.1		592	18		X		

Non Reactive Polyurethanes

Technical Data							Performance				Formulations			Substrates												
Name	SOLIDS %	SOLVENT	CHEMICAL STRUCTURE	TYPE	VISCOSITY mPa s	COLOR GARDNER	YELLOWING RESISTANCE	ADHESION PROMOTER	FILM FORMING	COMP. WITH NITROCELLULOSE	OPV	FLEXOGRAPHIC INKS	GRAVURE INKS	PAPER	METAL	TEXTILE	LEATHER	ABS	PVC	PET (Polyethylene terephthalate)	PE (Polyethylene)	OPA (oriented polyamide)	OPP (oriented polypropylene)	POLYURETHANE	POLYSTYRENE	POLYOLEPHINE
UCOFLEX 630 IB	30	IB	PU	AL	2200	<1	3	3	3	3				X	X	X	X	X	X						X	X

Ink Modifiers

POLURENE 1062 K	37	EA	PES-PU	AL	3500	<2	3	3	1			X	X	X						X	X	X	X			
POLURENE 0780 K	55	EA / EtOH	PE-PU	AL	1750	<1	3	3	2	2		X	X	X												
POLURENE 5870 K	75	EA	PU	AR	1800	<2	1	1	0	2		X	X	X												
POLURENE 5580 K	75	EA	PE-PU	AR	2900	<1	1	3	0	2		X	X	X											X	
POLURENE 5892 K	100		PE-PU	AL	3000	<2	3	1	0	2	X	X	X	X												

Key:

PU	POLYURETHANIC
PE	POLYETHER
PES	POLYESTER
AR	AROMATIC
AL	ALIPHATIC

● : Conforms to REACH restrictions on isocyanic monomers

Polyisocyanates

Name	Technical Data											Performance					Formulations			Substrates				
	SOLIDS %	SOLVENT		TYPE	VISCOSITY mPa s	NCO%	MAX FREE MONOMER %	EW	MAX COLOR GARDNER	MAX COLOR HAZEN	YELLOWING RESISTANCE	ADHESION PROMOTER	FILM FORMING	FLEXIBILITY	COMPATIBLE WITH NITROCELLULOSE	OPV	FLEXOGRAPHIC INKS	GRAVURE INKS	PAPER	PET	PE	OPA (oriented polyamide)	OPP (oriented polypropylene)	POLYOLEPHINE
POLURGREN IR 51 01 K ●	51	EA	PU	AR	700	8	0.1	525	1	50	1	2	2	0	0	X			X					
POLURENE IR 51 K	50	EA	PU	AR	200	8	0.3	525	1		1	2	2	0	0	X			X					
PLURGREN OK 01 K ●	60	EA	PU	AL/ AR	600	10	0.1	420	1		2	2	1	1	1	X			X					
POLURENE OK K	60	EA	PU	AL/ AR	250	10.2	0.5	412	1		2	2	1	1	1	X			X					
POLURGREN FP 75 01 K ●	75	EA	PU	AR	2000	13.0	0.1	323	1		1	2	0	2	2	X			X					
POLURENE FP 75 K	75	EA	PU	AR	2000	13.0	0.5	323	1		1	2	0	2	2	X			X					

Key:

PU	POLYURETHANIC
PE	POLYETHER
PES	POLYESTER
AR	AROMATIC
AL	ALIPHATIC

● : Conforms to REACH restrictions on isocyanic monomers

Polyester Resins

Name	Technical Data									Performance					Formulations			Substrates				
	SOLIDS	SOLVENT	VISCOSITY mPa s (23°C)	ACIDITY (MAXIMUM)	n°OH (mg KOH)	OH % on supply form	EW	MAX COLOR GARDNER	YELLOWING RESISTANCE	ADHESION PROMOTER	FILM FORMING	FLEXIBILITY	COMPATIBLE WITH NITROCELLULOSE	OPV	FLEXOGRAPHIC INKS	GRAVURE INKS	PAPER	PET	PE	OPA (oriented polyamide)	OPP (oriented polypropylene)	POLYOLEPHINE
REXIN 6302 K	70	EA	300	11	100	3.0	561	5	1	2	2	2		X			X					
REXIN 1939 K	75	EA	3500	5	165	5.0	340	3	2	2	1	1	3	X			X					
REXIN 6258 K	60	EA	150	4	180	5.5	312	2	2	2	1	1		X			X					

Key:
PU POLYURETHANIC
PE POLYETHER
PES POLYESTER
AR AROMATIC
AL ALPHATIC

● : Conforms to REACH restrictions on isocyanic monomers

Polyisocyanates

Name	Technical Data								Performance					
	TYPE	SOLVENT	SOLIDS	NCO %	FREE MONOMER %	VISCOSITY mPa s	EW	COLOR GARDNER	WATER DISPERDIBILITY	CHEMICAL RESISTANCE	HEAT RESISTANCE	YELLOWING RESISTANCE	HYDROLYSIS RESISTANCE	ADHESION ON DIFFICULT SUBSTRATES
UNI-DUR E 2008 RC	TDI	EA	35	6.0	0.5	50	700	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	27	50	545	18	0	3	3	0	3	3
UNI-DUR WB 7000 01 ●	HDI		100	17	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

Key: 0 Scarce | 3 Excellent

● : Conforms to REACH restrictions on isocyanic monomers

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	Vinyllic 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 ●



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		POLURGREEN 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 REXIN DP 343	POLURGREEN AD 01 ● POLURGREEN IR 01 ●
	Clear	SB	2K	REXIN C760	POLURGREEN 60T 01 ●
	Pigmented	SB	2K	REXIN C760	POLURGREEN 60T 01 ●
	Pigmented - high solid	SB	2K	REXIN HSP 05100	POLURGREEN 60T 01 ●
	Pigmented	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●

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 1850 X	
	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 70	POLURGREN 60T 01 ●
	Clear - high solid	SB	2K	REXIN DS 214 80 BA	POLURGREN OK HD 01 ●
	Clear	WB	2K	BLUECRYL 233	HYDRORENE AW 5 01 ●
	Pigmented	SB	2K	REXIN DP 127	POLURGREN OK HD 01 ●
	Pigmented	WB	2K	BLUECRYL 242	HYDRORENE AW 5 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
Mat 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 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 REXIN 343	POLURGREN OK 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 REXIN DP 343	POLURGREN AD 01 ● POLURGREN IR 01 ●
Gloss Top Coat	Fast curing – high performance	SB	1K		POLURGREN MC 5860 MPAX 01 ●
	High performance - not yellowing	SB	1K		POLURGREN 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	POLURGREN AD 01 ● POLURGREN IR 01 ●
	High performance	WB	2K	BLUEPUR 2937 BLUEPUR 3070	HYDRORENE AW 5 01 ● DPGDME 01 ●
Mat 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 mat	WB	2K	BLUEPUR 2937 BLUEPUR 3070	HYDRORENE AW 5 01 ● DPGDME 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

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 Mat	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 Top Coats	Improves impact tersistance	HS	2K	EPOXY ● POLURGREN PL 100 LV ●	POLYAMINE ADDUCTS ●
	Hard flexible	HS	2K	REXIN 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 ●
		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	Constant dimension	HS	2K	EPOXY ● POLURGREN LP 100 LV	POLYAMINES ADDUCTS ●
	Slow blowing	HS	1K		POLURGREN PRP 450 01 ● POLURGREN PRP 350 01 ●
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 ●

- : 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		POLURGREN PRP 450 01 ●
	High performance Easy to manufacture	SB	2K	POLYASPARTIC RESINS ●	POLURGREN PRP 450 01 ● POLURGREN PRP 5500 01 ●
	High performance Easy to manufacture	HS	2K	ETHACURE 300 ●	POLURGREN PRP 450 01 ●
	Easy to manufacture	WB	1K	BLUEPUR T52 BLUECRYL 098	
	Cheap	ASPHALT	2K		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	2K	EPOXY ● POLURGREN LP 100 LV ●	POLYAMINES ADDUCT ●
	Wood flooring	HS	2K	OH POLYESTER POLYOL ●	POLURENE MD 1600
	Wood flooring	HS	1K		POLURGREN PRP 450 01 ●
	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 930 01 ●
		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	SB	1K		POLURGREN PRP 450 01 ● POLURGREN AD 67 01 ●
	For DIY	WS	1K	BLUECRYL 098	
	Pigmented	SB	2K	BURNOCK EP 9547	POLURGREN AD 67 01 ●
	Pigmented	SB	2K	REXIN DP 127 BURNOCK PE 2101	POLURGREN 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	COMP.	COMPONENT A	COMPONENT B
DTM	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	POYASPARTATES ●	POLURGREN MT 100 LLV 01 ●
	High technical performances	WB	2K	WATERSOL AC 3080	HYDRORENE AW 5 01 ●



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

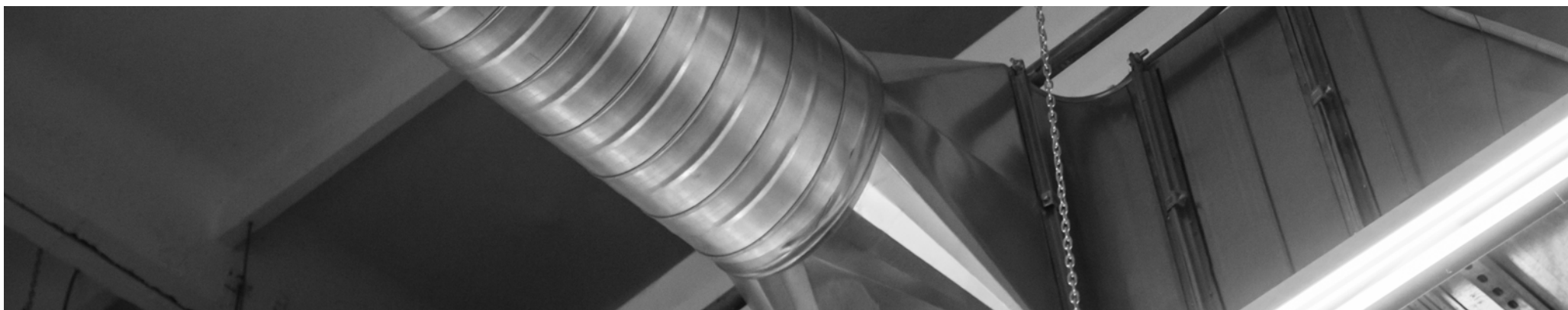
Top Coats

Application	Features	SB = solvent base WB = water base HS = high solid	COMP.	COMPONENT A	COMPONENT B
Top Coats	CLEAR HIGH PERFORMANCE	SB	2K	REXIN 2268 BURNOCK AC 2530	POLURGREN MT 75 01 ●
	CLEAR FAST CURING	SB	2K	REXIN 2268 BURNOCK AC 1835	POLURGREN MT 75 01 ●
	CLEAR	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●
	CLEAR HIGH PERFORMANCE	WB	2K	WATERSOL AC 3080	HYDRORENE AW 5 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 HIGH PERFORMANCE	SB	2K	REXIN 2268 BURNOCK AC 2530	POLURGREN MT 75 01 ●
	PIGMENTED FAST CURING	SB	2K	REXIN 2268 BURNOCK AC 1835	POLURGREN MT 75 01 ●
	PIGMENTED ACE	WB	2K	BLUECRYL 242	HYDRORENE AW 1 01 ●
	PIGMENTED HIGH PERFORMANCE	WB	2K	WATERSOL AC 3080	HYDRORENE AW 5 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
	Not yellowing	SB	1K	BURNOCK AC 2530	POLURENE BK 1175
	High mechanical strength	SB	1K	REXIN HSP 411 REXIN HSP 412	POLURENE BK 5250 MPA EA
		WB	1K	BLUECRYL 233	MELAMINE ●
		WB	1K	BLUECRYL 242	MELAMINE ●
	Low curing temp.	WB	1K	WATERSOL AC 3080	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	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	X	X		X	SB	2K	BURNOCK AC 1651	POLURGREN MT 75 01 ●
	X		X	X	X	X		X	WB	2K	WATERSOL AC 7000	HYDRORENE AW 65 DPGDME 01 ●
	X		X	X				X	WB	2K	WATERSOL AC 3080	HYDRORENE AW 65 DPGDME 01 ●
	X			X				X	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Top Coats

Application	ABS	EPDM	PA	PC	PMMA	PS	PP	PVC	SB = solvent base WB = water base HS = high solid	COMP.	COMPONENT A	COMPONENT B
Top Coats								X	WB	1K	BLUECRYL 098	
	X			X				X	WB	1K	BLUEPUR 3037	
	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	X	X		X	SB	2K	BURNOCK AC 1651	POLURGREN MT 75 01 ●
	X		X	X	X	X		X	WB	2K	WATERSOL AC 7000	HYDRORENE AW 65 DPGDME 01 ●
	X		X	X				X	WB	2K	WATERSOL AC 3080	HYDRORENE AW 65 DPGDME 01 ●
	X			X				X	WB	2K	BLUECRYL 233	HYDRORENE AW 1 01 ●
	X			X				X	WB	2K	BLUEPUR 2937	HYDRORENE AW 65 DPGDME 01 ●

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



Products for Moisture Curing Adhesives for Industrial Application

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		SB - HS	1K	Elastomeric	POLURGREN PRP 350 01 + POLURGREN AD 01 ●
			X	X	X			SB - HS	1K	Elastomeric	POLURGREN PRP 450 01 + POLURGREN AD 01 ●
			X	X	X			SB - HS	1K	Elastomeric	POLURGREN PRP 750 01 ●
			X	X	X			SB - HS	1K	Elastomeric	POLURGREN PRP 6050 01 ●
X			X	X	X			SB - HS	1K	Elastomeric	POLURGREN PRP 940 01 ●
X	X	X		X	X	X		SB	1K	High adhesion	POLURENE LPI 3719
			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

● : Conforms to REACH restrictions on isocyanic monomers

● : Suggested materials to use with our products

Products for Thermosetting Adhesives for Industrial Application

Wood	Metal	Plastic	Inorganic Materials	Rubber	Textiles	Synthetic Leather	Footwear	SB = solvent base WB = water base HS = high solid	COMP.	FEATUIRES	PRODUCTS
							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
X	X		X		X			HS - SB	2K	High mechanical strenght	REXIN HSP 05100 + DESMODUR MD 1600
X	X		X		X			HS - SB	2K	High mechanical strengthH and flexibility	REXIN HSP 05100 + DESMODUR MD 610
X	X	X	X	X	X	X		SB	2K	High flexibility	POLURGREEN AD 01 ● + REXIN HSP 411 / 412
X	X		X	X	X	X		SB	2K	Adhesion improvement on difficult substrates	POLURENE TPI 27 EA
	X	X	X		X			SB	1K	Stoving application	POLURENE BK 5250 MPA EA + REXIN HSP 411 / 412

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



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