

WATER BASED POLYMERS

Water Based Polymers



A WIDE RANGE OF WATER-BASED POLYMERS

POLIURETHANE DISPERSIONS
ACRYLIC EMULSIONS AND
CROSSLINKING AGENTS
(Including Eco-Friendly VOC Free Versions)

TO PERFORM IN MANY DIFFERENT AREAS:

COATINGS: WOOD, METAL, TEXTILE,
PLASTIC

CONSTRUCTION: FLOOR COATINGS

Product Range

POLYURETHANE AQUEOUS DISPERSIONS

HIGH SOLIDS

ACRYLIC EMULSIONS

WATER BASED CROSSLINKING AGENT

SOLVENT BASED CROSSLINKING AGENT



CROMOGENIALINITS
YOUR SPECIALIST FOR SPECIALTIES

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ENGLISH

Water Based Polymers

WATER BASED POLYMERS

CROMOGENIALINITS
YOUR SPECIALIST FOR SPECIALTIES

PRODUCTS. CHARACTERISTICS & APPLICATIONS

Polyurethane Aqueous Dispersions

Products	NMP / NEP Free	Solvent Free	% Solid Content	Módulus 100	Tensile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid	Hardnes Köning
CROMELASTIC NI-77	*	*	30	0,3	1,5	1000	Non-ionic	*			*			
CROMELASTIC C-4480	*	*	23	1,5	25	700	Cationic	*			*			
CROMELASTIC C 400	*	*	25	9	20	250	Cationic	*			*			
CROMELASTIC C 4463	*	*	30	-	-	-	Cationic	*			*			
CROMELASTIC SU 3060		*	30	-	-	-	Anionic	*			*			
CROMELASTIC 046 SP	*	*	40	2	40	1200	Anionic	*			*			
CROMELASTIC 6200	*	*	40	-	-	-	Anionic	*		*				
CROMELASTIC FA 80	*	*	20	n. f.	-	-	Anionic				*			
CROMELASTIC FA 20 PRG	*		20	n. f.	-	-	Anionic		*		*			
CROMELASTIC NVF	*	*	40	0,5	2	700	Anionic	*		*				
CROMELASTIC 9676 SP	*	*	30	0,7	3	1000	Anionic	*		*	*			
CROMELASTIC SE-80			40	1.6	12	800	Anionic	*			*			
CROMELASTIC SE 80 SP	*	*	40	1.6	12	800	Anionic	*			*			25
CROMELASTIC SE 85	*		40	2	30	1400	Anionic	*			*			
CROMELASTIC HH-29 PG	*		26	1,7	25	800	Anionic	*			*			
CROMELASTIC 6600 SP	*	*	45	3	45	800	Anionic	*		*				31
CROMELASTIC 810 PRG	*		35	2,7	42	600	Anionic	*		*	*			
CROMELASTIC 841			40	4,5	35	600	Anionic	*			*			
CROMELASTIC SP 400	*	*	40	4,5	25	650	Anionic	*			*			25
CROMELASTIC D- 1401			40	3,3	40	600	Anionic	*			*			
CROMELASTIC PC- 250			35	4	50	450	Anionic	*				*		35
CROMELASTIC PC- 250 PRG	*		35	4	50	450	Anionic	*				*		35
CROMELASTIC SE-86 PRG	*		40	5	42	450	Anionic	*		*				45
CROMELASTIC 851			35	5	30	550	Anionic	*			*			
CROMELASTIC 851 SP	*	*	35	5	30	550	Anionic	*			*			
CROMELASTIC WC-6183 30%			30	7,5	30	400	Anionic		*		*			

Polyurethane Aqueous Dispersions

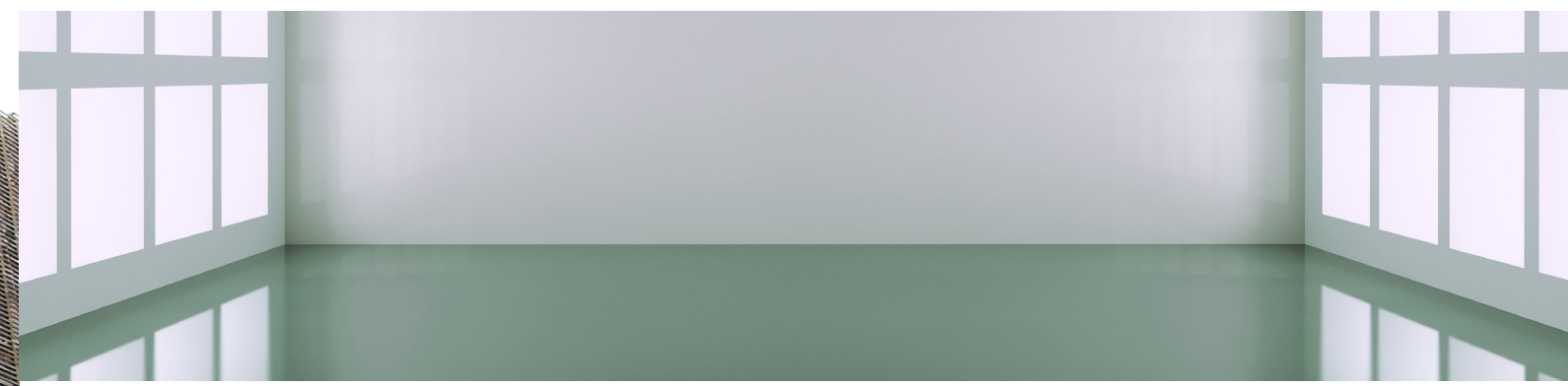
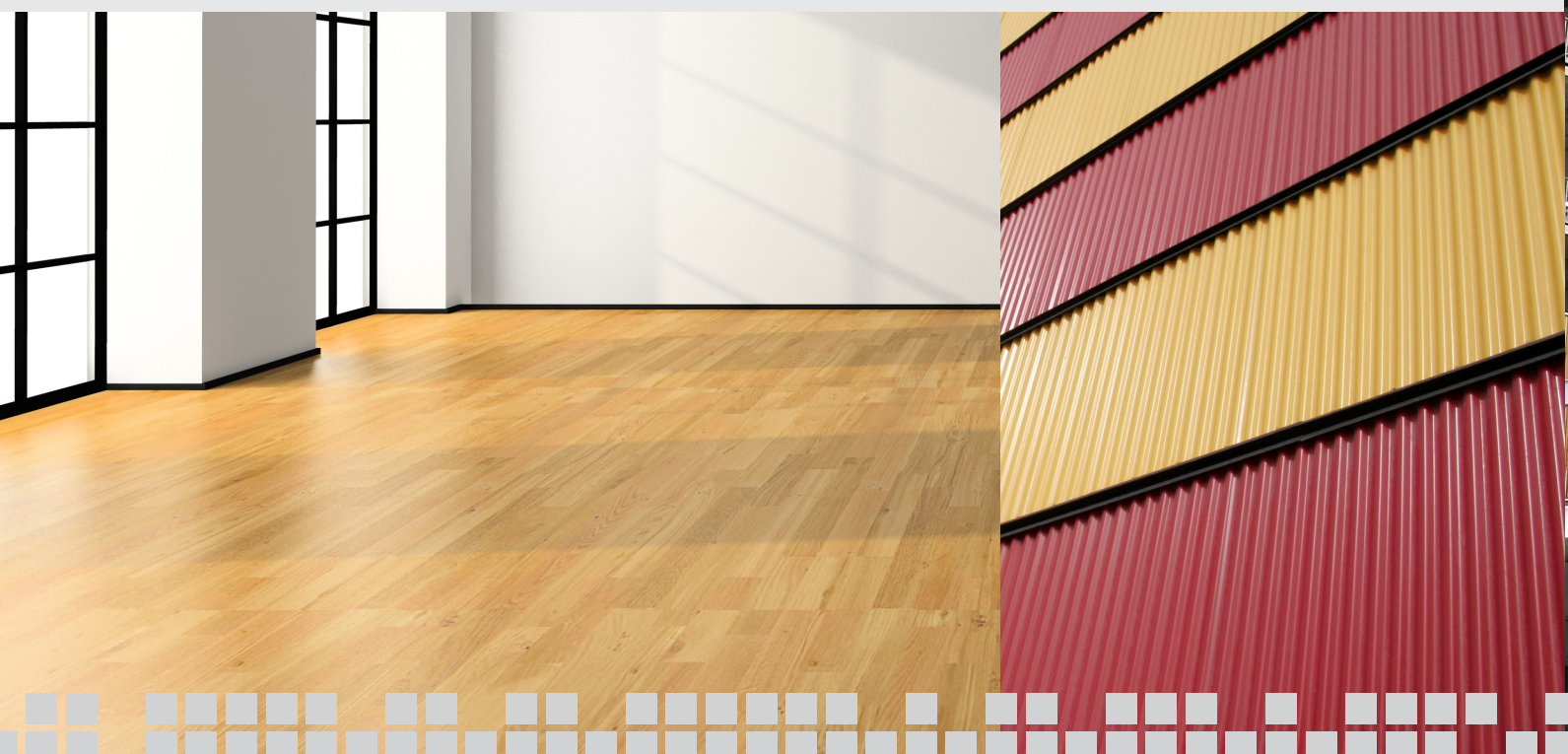
Products	NMP / NEP Free	Solvent Free	% Solid Content	Módulus 100	Tensile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid Acrylic	Hardnes Köning
CROMELASTIC 6151			36	6	40	500	Anionic	*		*	*			
CROMELASTIC 6152 PRG	*		35	10	-	400	Anionic	*		*	*			
CROMELASTIC 3351			35	6	20	450	Anionic	*			*			
CROMELASTIC 4001			35	10	20	200	Anionic	*		*				
CROMELASTIC 4569			35	12	22	175	Anionic	*		*				80
CROMELASTIC D-1600			38	13	33	325	Anionic	*			*			80
CROMELASTIC D-1600 PRG	*		35	13	33	325	Anionic	*			*			80
CROMELASTIC D-1800			38	13	40	350	Anionic	*			*			110
CROMELASTIC PC 450			38	15	40	300	Anionic	*				*		
CROMELASTIC PC 450 PRG	*		38	15	30	200	Anionic	*				*		
CROMELASTIC PC 550			38	25	40	100	Anionic	*				*		125
CROMELASTIC PC 550 PRG	*		38	25	40	100	Anionic	*				*		125
CROMELASTIC SE 871			35	20	35	200	Anionic	*		*				
CROMELASTIC SP 800	*	*	35	20	30	100	Anionic	*		*				87
CROMELASTIC 0249			40	20	25	250	Anionic	*		*				130
CROMELASTIC 0249 PRG	*		40	20	25	250	Anionic	*		*				130
CROMELASTIC 0284			35	30	45	150	Anionic	*		*				130
CROMELASTIC AC 9			35	-	45	20	Anionic	*	*		*		*	125
CROMELASTIC AC 11	*	*	37	-	-	-	Anionic	*			*	*	*	125
CROMELASTIC AC 20	*	*	37	-	30	<100	Anionic	*				*	*	217
CROMELASTIC ACL 80	*	*	35	-	-	-	Anionic	*				*	*	130

High Solids

Products	NMP / NEP Free	Solvent Free	% Solid Content	Módulus 100	Tensile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid Acrylic	Hardnes Köning
CROMELASTIC P-840 + B	*		100	4	13	500			*		*			

Acrylic Emulsions

Products	% Solid Content	Self-Crosslinking	Characteristics	MFT °C	Tg °C	Uses
UNICRYL W 345	37	*	Acrylic	45		High Gloss Coatings
UNICRYL W 346	43	*	Acrylic	44		High Chemical Resitences
UNICRYL WE 30	45	*	Acrylic	23		Metallic Substrates
UNICRYL W 15	43	*	Acrylic	15		Stain Blocking
UNICRYL W 18	40	*	Acrylic	12		Out-Door Caotings
UNICRYL W 44H	43		Acrylic-Hydroxyl	44		1K or 2 K Coatings. Good Adhesion
UNICRYL W 258	38	*	Acrylic	30		Low Coalescent Demand
UNICRYL W 22	43		Styrene-Acrylic	52		High Hardnes. Interior Wood Coatings
UNICRYL 62	50		Alkali soluble	141		Low Viscosity, Binder For MDF
UNICRYL T 11	45		Acrylic		-7	Textile Pigment Printing
UNICRYL T12	45		Acrylic		-10	Textile Pigment Printing
UNICRYL T 02	40	*	Acrylic		-14	Textile Coating. Printing
UNICRYL C 229	50		Acrylic		-10	Textile Coating. Printing
UNICRYL X 61	55	*	Acrylic		10	Textile Coating. Printing
UNICRYL T 1230	30		Acrylic		-10	Textile Pigment Printing
UNICRYL T 930	30	*	Acrylic		-8	Textile Pigment Printing



Water Based Crosslinking Agent

Products	% Solid Content	Ionicity	aliphatic	NCO (%)	Observations
REGEL TH 20	100	Anionic	*	18	Crosslinker for 2K Systems 2600 cps
REGEL TH 22	100	Anionic	*	18	Lower Viscosity than TH 20 , 900 cps
REGEL TH 20 C1	80	Anionic	*	13,6	Crosslinker for High Gloss 2 K systems. Wood
REGEL TH 30	40	Anionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL TH 35	40	Anionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL TH 80	40	Non-ionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL TH 85	40	Non-ionic	*	4,5	Designed for 2K Industrial and Textile Coatings

Solvent Based Crosslinking Agent

Products	% Solid Content	Ionicity	aliphatic	NCO (%)	Observations
REGEL TH 25	75	Anionic	*	10,6	Designed for 2K Can Coatings System