

UCOPOL - MOISTURE CURING POLYURETHANES

Product	% NV	Type	Solvent	Type of isocyanate	% Monomer	% NCO	Vx mPa*s @ 23°C	Max Gardner colour	Characteristics & main application
UCOPOL M 505	53	Prepolymer	Ethyl Acetate Butyl Acetate	TDI	< 0.5	4.4 - 5.2	< 50	1	Moisture curing prepolymer ready to use. Excellent flexibility. Good outdoor resistance. For coatings for wood, plastics, concrete, rubber, textile fabric and leather.
UCOPOL M 541	100	Prepolymer	-	TDI	< 0.5	3.0 - 4.0	4000 - 8000	2	Prepolymer used to formulate 1K and 2K sealants and industrial adhesives. It can be mixed with UCOPOL M 551 to adjust flexibility and/ or drying time of the product.
UCOPOL M 551	100	Prepolymer	-	TDI	< 0.5	4.0 - 5.0	5000 - 9000	2	Prepolymer used to formulate 1K and 2K sealants and industrial adhesives. It can be mixed with UCOPOL M 541 (more flexible) to adjust flexibility and/ or drying time of the product.
UCOPOL M 602	100	Prepolymer	-	MDI		22.0 - 24.0	< 200	18	Primer for concrete. Good levelling and wettability. Solventless and odourless.
UCOPOL M 603	100	Prepolymer	-	MDI		23.0 - 25.0	< 200	18	Primer for concrete. Good levelling and wettability. Solventless and odourless. Shorter cross-linking time than UCOPOL M 602.
UCOPOL M 33 60 MPAX	60	Prepolymer	Xylene MPA*	TDI	< 0.5	5.5 - 6.5	250 - 500	1	Fast drying. Excellent hardness. Good flexibility. Coatings for parquets and anti-dust for industrial flooring. Abrasion resistant PU coatings.
UCOPOL M 0909	60	Prepolymer	Butyl Acetate	TDI	< 0.5	5.0 - 5.4	1000 - 3000	1	Moisture curing prepolymer especially developed for formulation of mat finish. High stability in formulation step fast drying. Suitable for parqued and refresh of coated surfaces.

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UCOPOL M 34 60 MPAX LV	60	Prepolymer	Xylene MPA*	TDI	< 0.3	6.8 - 7.8	800 - 1600	1	Fast drying. Excellent hardness. Good flexibility. Coatings for parquets, anti-dust for industrial flooring. Abrasion resistant PU coatings.
UCOPOL M 4054	60	Prepolymer	Xylene MPA*	TDI	< 0.5	6.25 - 6.75	250 - 750	2	Moisture curing prepolymer with excellent surface hardness, abrasion resistance and good brightness. Fast drying. Suitable for parquet and plastic coatings.
UCOPOL M 2851	60	Prepolymer	Xylene MPA*	TDI	< 0.5	5.0 - 6.0	600 - 1200	1	Good flexibility. Abrasion resistant. Coatings for parquet. Coatings for non-skid floors, gymnasium. It can be used as impregnating agent in order to protect products from humidity.
UCOPOL W 708	65	Prepolymer	Xylene Naphta 100 MPA*	HDI	< 0.5	10 - 11	300 - 700	2	Fast drying. Excellent flexibility. Excellent non-yellowing resistance. Good chemical and weather resistance. Suitable for coatings for wood, plastics and concrete.

* Metoxypropylacetate

NB: All specifications refer to the delivery form

UCOFLEX - SOLVENT BASED ELASTOMERS

Product	% NV	Type	Solvent	Type of isocyanate	Max Amine value	Vx mPa*s @ 23°C	Max Gardner colour	Characteristics & main application
UCOFLEX EW 810/30 A	30	Elastomer	Isobutanol	IPDI	1	1000 - 2000	1	Clear and pigmented paints for ABS, PVC, PUR, Polystyrene and Paper. Good yellowing, abrasion and shock resistance.

NB: All specifications refer to the delivery form

