



Direct
Coating
Collection



Waterproof

A central graphic consisting of a cluster of hexagons. The top hexagon is purple and contains the text 'Waterproof'. The surrounding hexagons contain images of water droplets on a dark, textured surface, illustrating the waterproof property.

High
Elasticity

A central graphic consisting of a cluster of hexagons. The bottom hexagon is purple and contains the text 'High Elasticity'. The surrounding hexagons contain images of a black, textured material being stretched, illustrating its high elasticity.

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Direct Coating Collection developed by Anex Chemicals, includes Polyurethane Resins and Additives for direct coating applications.



About Us

INTERPLAST KIMYA has been one of the leading polyurethane, finish and pigment paste supplier in the synthetic leather and coating market for more than **40 years**. Building on its strong presence in the market, **Interplast** has become a leading actor in its region for coating markets by investing in a modern and highly technological factory.

Direct Coating Collection

Anex Direct Coating Collection, developed by Anex Chemicals, provides a wide range of options for every kind of direct coating applications. Within its own professionally established R&D Center, **Anex** researchers are aiming for developing new products and new application methods for the superior performance.

- Waterproof
- Washing Resistance
- High Mechanical Properties
- High Hydrolysis Resistance
- High Chemical Resistance
- High Flexibility



BASECOAT

Product Name	Description	Solid Content (%)	%100 Modulus (kg/cm2)	Viscosity Pa.s	Solvent	Properties
ANEX A 506	Aromatic Polyester PU for Basecoat	35 ± 1	6-10	40-60	DMF/TOL	Aromatic Polyester Polyurethane. High mechanical properties, Providing for Perfect soft effect, High adhesion to textile
ANEX A 552	Aliphatic Polyester PU for Basecoat	40 ± 1	≤4	8-15	DMF/TOL/IPA	Aliphatic Polyester Polyurethane. Perfect soft effect, High UV resistance, High mechanical properties, High adhesion to textile
ANEX A 025	Aromatic Polyester PU for Basecoat	47 ± 1	20-30	80-120	DMF/MEK	Aromatic Polyester Polyurethane. Soft type, Good anti-swelling properties, High Temperature resistance, high solvent resistance, Wide Range of Application
ANEX A 516	Aromatic Polyether PU for Basecoat	35 ± 1	6-8	40-60	DMF/TOL/MEK	Aromatic Polyether Polyurethane. Perfect soft effect, High chemical resistance, High hydrostatic pressure resistance, High adhesion to textile
ANEX A 018H	Aromatic Polyether PU for Basecoat	40 ± 1	18	50-90	DMF/TOL	Aromatic Polyether Polyurethane. Good solvent resistance, Excellent hydrolysis resistance, High adhesion to textile.
ANEX A 526	Aromatic Polycarbonate PU for Basecoat	40 ± 1	16-24	50-90	DMF/TOL	Aromatic Polycarbonate Polyurethane. Perfect soft effect, High chemical resistance, High hydrostatic pressure resistance, High adhesion to textile
ANEX A 011	Aromatic Polyester PU for Basecoat (DMF-Free & TOL-Free)	44 ± 1	10	50-80	PMA/MEK	Aromatic Polyester Polyurethane. Very soft type, Good anti-swelling properties, Low modulus, high solvent resistance, Wide Range of Application. DO NOT CONTAIN DMF or TOL.
ANEX A 016H	Aromatic Polyether PU for Basecoat (DMF-Free & TOL-Free)	40 ± 1	18	50-90	PMA/MEK	Aromatic Polyether Polyurethane. Good solvent resistance, Excellent hydrolysis resistance, DO NOT CONTAIN DMF or TOL.

TOPCOAT

Product Name	Description	Solid Content (%)	%100 Modulus (kg/cm2)	Viscosity Pa.s	Solvent	Properties
ANEX M 030	Aromatic Polyester PU for Topcoat	30 ± 1	30-40	60-90	DMF	Aromatic Polyester Polyurethane. Soft touch, Good elasticity, High mechanical properties, Nice touch feeling, Vivid colors, High temperature resistance, Non-sticky surface, good cold flexibility
ANEX M 050	Aromatic Polyester PU for Topcoat	35 ± 1	40-60	140-180	DMF	Aromatic Polyester Polyurethane. High mechanical properties, High hydrostatic pressure resistance
ANEX M 075	Aromatic Polyester PU for Topcoat	30 ± 1	60-80	60-80	DMF/TOL	Aromatic Polyester Polyurethane. High mechanical properties, Excellent chemical resistance.
ANEX WF 5080	Aromatic Polyester PU for Topcoat	35 ± 1	60-80	70-100	DMF	Aromatic Polyester Polyurethane. High mechanical properties, Very high flexibility
ANEX WF 5095	Aromatic Polyester PU for Topcoat	35 ± 1	90-110	70-100	DMF	Aromatic Polyester Polyurethane. High mechanical properties, Very high flexibility
ANEX M 070	Aromatic Polycarbonate PU for Topcoat	35 ± 1	60-80	70-100	DMF	Aromatic Polycarbonate Polyurethane. High mechanical properties, Excellent chemical resistance.
ANEX M 801	Aromatic Polycarbonate PU for Topcoat	29 ± 1	70-80	50-80	DMF/TOL/MEK	Aromatic Polycarbonate Polyurethane. High mechanical properties, Excellent chemical resistance.
PURANEX LC 3075/25	Aliphatic Polycarbonate PU for Topcoat	25 ± 1	65-80	60-80	DMF/TOL/IPA	Aliphatic Polycarbonate Polyurethane. High chemical resistance, High mechanical resistance, High abrasion resistance, High straching resistance.
ANEX WF 5086	Aromatic Polyester PU for Topcoat (DMF-Free & TOL-Free)	35 ± 1	60-80	70-100	PMA/MEK	Aromatic Polyester Polyurethane. High mechanical properties, Perfect effect for flexibility. DO NOT CONTAIN DMF or TOL.
PURANEX TMH 5060/30	Aromatic PU for Topcoat (DMF-Free & TOL-Free)	30 ± 1	60-80	50-80	MSM, PMA	Aromatic Special Polyurethane. High mechanical properties, Perfect effect for flexibility. DO NOT CONTAIN DMF or TOL.
ANEX M 170 C	Aromatic Polycarbonate PU for Topcoat (DMF-Free & TOL-Free)	35 ± 1	70-80	60-80	PMA/MEK	Aromatic Polycarbonate Polyurethane. High mechanical properties, Excellent chemical resistance. DO NOT CONTAIN DMF or TOL.
PURANEX MH 1050/50	Aromatic PU for Topcoat (Breathable)	50	40-60	35-50	DMF	Aromatic Polyurethane. Breathable, high mechanical properties, excellent chemical resistance.



Technical coatings based on polyurethane provides exceptional results while offering the optimum point among performance, elasticity and cost. Polyurethane is one of the best polymer to achieve high performance coated textiles for field duties such as:

- Technical Textiles
- Medical Textiles
- Workwear
- Sportswear
- Military Textiles
- Fashion Coatings

ADDITIVE

Product Name	Description	Solid Content (%)	%100 Modulus (kg/cm ²)	Viscosity Pa.s	Solvent	Properties
ANEX C2	Modified Melamine Crosslinker	80 ± 2	-	-	Alcohol	It is a condensing crosslinker designed for OH-terminated two-component resin. It confers high solvent fastness while maintaining a soft "hand". Indicative dosage is 1-5% calculated on the resin according to the application needs. Catalyst ANEX A6 is always suggested to speed the reaction. Typically 2 min at 150°C are necessary for curing completion. After that the coating can be handled and rewinded.
ANEX A6	Organic Catalysing Additive for Anex C2	10 ± 1	-	-	DMF	Special Catalyst for ANEX C2 to speed up the reaction.
ANEX C1	Polyisocyanate Crosslinker	75 ± 2	-	15-25	EA	Polyisocyanate crosslinker for solvent based systems. Mild temperature is required to evaporate the solvent then the reaction proceeds also at room conditions. As high is the temperature and longer the exposure, as fast is the curing. 1-2-min at 100°C-130°C are the condition that is suggested for good reaction.
ANEX A1	Organic Catalysing Additive for Anex C1	2	-	0,1-0,2	EA	Special Catalyst for ANEX C1 to speed up the reaction.
ANEX S811	Levelling Agent	98.5	-	-	-	Levelling agent. Non-sticky and smooth hand feeling. Excellent levelling and wetting property. High temperature resistant, concave hole,improving the hydrolytic stability. It can be added to the PU paste and stir evenly. The volume of this additive is generally added 0.2-2% of the weight of total paste.



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