



BENASEDO S.p.A.

[index](#)

BENASOL - Alkyd Resins SHORT-OIL												
BENASOL	Oil type and Modification	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	Applications				Suggested uses
								Air	Bake	Nitro	Catalyz.	
AS 280	Soya	28	XYLENE/ ISOBUTYL ACET.	60	Y-Z1	6-15	5	■	■	■	■	Fast air-drying and low-bake enamels with excellent chemical resistance.
AS 379	Special fatty acids	43	XYLENE	60	Z1-Z2	6-12	5	■				Fast air-drying white and coloured enamels for industrial applications.
AS 3716	Special fatty acids	37	BUTYL ACETATE	75	Z3-Z4	6-12	5	■				HIGH SOLIDS fast air-drying white and coloured enamels for industrial applications.
CO 35	Soya fatty acids	44	XYLENE	60	Z2-Z4	6-15	8	■				Very fast air-drying enamels for industrial applications and traffic-paints.
			XYLENE/ BUTYLACET.	65	Z2-Z3		4					
CO 37	Special fatty acids - Urethane Aliphatic	37	ISOBUTYL ACETATE	65	Z1-Z2	6-12	4	■				Very fast non-yellowing air-drying enamels for exterior, particularly for farm equipment.
R 40D	Dehydrated castor oil	40	XYLENE	60	Z-Z1	15-24	5	■	■			Non-yellowing air-drying and low-bake enamels with high mechanical performance.
R 41D	Dehydrated castor oil	41	XYLENE	60	Z1-Z2	6-15	6		■			Low-bake industrial enamels.
3 V	Linseed - Tung Phenolic	32	XYLENE	50	Y-Z1	15-24	8	■				Rust-inhibitive metal and non lifting primers for nitrocellulose laquers, for metals.
			XYLENE / ISOBUTYL ACET.	60	Z2-Z3							



BENASOL - Alkyd Resins MEDIUM-OIL												
BENASOL	Oil type and Modifications	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	Applications				Suggested uses
								Air	Bake	Nitro	Catalyz.	
AS308	Soya fatty acids	47	XYLENE XYLENE/W.S.	60 55	Z1-Z2 Z-Z2	6-12	6	■				Fast air-drying enamels for building and industrial applications, also combined with chlorinated rubber. Fast through-dry.
AS446	Soya fatty acids - Silicone Modified	44	SOLVESSO 100	60	Z2-Z3	6-12	6	■				Fast drying silicone modified alkyd for industrial and farm machinery enamels. Very good performances.
AS451	Special fatty acids	45	XYLENE	75	Y-Z1	6-15	6	■	■	■	■	Universal tinting-system vehicle having wide compatibility with resins and film-forming binders.
FL40	Special fatty acids	48	WHITE SPIRIT	40	Z2-Z3	6-15	6	■				Slightly thixotropic resin for architectural sealers, high quality non-yellowing mat finishes, also for "do-it-yourself".
L50	Linseed	49	WHITE SPIRIT	50	Z1-Z3	6-16	7	■				Air-drying metal primers and general pourpose enamels.
S50	Soya	52	WHITE SPIRIT	50	Z1-Z3	6-15	7	■				Non-yellowing air-drying enamels for decorative and industrial maintenance.
SL58	Soya Siliconized	53	WHITE SPIRIT	60	V-X	5-12	6	■				Siliconized paints with high degree of gloss, colour retention and outdoor resistance.
5097	Linseed - Tung Phenolic	42	XYLENE WHITE SPIRIT	60 50	U-W X-Z	6-15	9	■				Quick air-drying primers and enamels with excellent chemical and outdoor resistance.



BENASOL - Alkyd Resins LONG-OIL												
BENASOL	Oil type and Modification	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	Applications				Suggested uses
								Air	Bake	Nitro	Catalyz.	
FX66	Special unsaturated fatty acids	67	WHITE SPIRIT	70	Z1-Z2	6-10	3	■				High performance non-yellowing paints for interior and exterior, for building industry and "do-it-yourself". Very good colour retention also in the dark.
HS 75	Special unsaturated fatty acids	67	WHITE SPIRIT	75	Z1-Z2	5-8	4	■				High performance non-yellowing paints for interior and exterior, for building industry and "do-it-yourself", conforming DECO paints CEPE 2004-42 .
HS 86	Special unsaturated fatty acids	66	WHITE SPIRIT	80	Z-Z2	12-18	4	■				High performance non-yellowing paints for interior and exterior, for building industry and "do-it-yourself", conforming DECO paints CEPE 2004-42 .
HS 71	Special unsaturated fatty acids	72	WHITE SPIRIT	85	Z2-Z3	6 - 10	4	■				Low Viscosity Resin for white and coloured enamels for interior and exterior, for building industry and "do-it-yourself", conforming DECO paints CEPE 2004-42 .
L65	Linseed	65	WHITE SPIRIT	70	Z1-Z3	6-15	7	■				Coloured enamels and rust-inhibiting air-drying primers for building industry and "do-it-yourself".
S60	Soya	62	WHITE SPIRIT	70	Z2-Z3	6-15	7	■				Architectural enamels for interior and exterior applications.
LI 85	Linseed	82	---	100	Z1-Z2	6-15	7	■				Grinding vehicle to produce tinting pastes and to improve gloss, flow and build-up of conventional paints.
HS 750	Special unsaturated fatty acids	73	---	100	Z1-Z3	6-10	4	■				High Solid resin for to reduce viscosity in enamels, conforming DECO paints CEPE 2004-42 . Grinding vehicle to produce non Yellowing tinting pastes and to improve gloss, flow and build-up of conventional non yellowing paints.
T68	Talloil	68	WHITE SPIRIT	75	Z-Z1	6-15	9	■				High-solids enamels for building industry. Clear finishes and impregnating vehicles for wood.
1804	Linseed - Tung Phenolic	68	WHITE SPIRIT	70	Z1-Z2	6-12	9	■				Anticorrosive primers, enamels and clear finishes with excellent resistance to marine corrosion.
CHVP	Fish	80	WHITE SPIRIT	80	Y-Z1	3-7	12	■				Wood-stain varnishes with very good impregnating characteristics, water-repellent, steam permeability.



BENASOL - Alkyd Resins HYDROXYLATED - 1-													
BENASOL	Oil type and Modification	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	OH % Solids	Applications				Suggested uses
									Air	Bake	Nitro	Catalyz.	
A 24	Hydrogenated castor oil	44	XYLENE/ISOBUTYL ACETATE	60	Z-Z1	6-15	5	5.3-5.7			■	■	Urethane two-components non-lifting sealers and very hard mat finishes for wood.
B1	Vegetable fatty acids	30	XYLENE	50	X-Y	6-15	5	2.6-2.8			■	■	Urethane two-components mat finishes and sealers with high reactivity and easy sandability.
C 300	Coconut fatty acids	33	XYLENE	60	Z1-Z2	6-15	3	2.8-3.0		■	■	■	Non-yellowing baking enamels. Polyurethane finishes and nitrocellulose lacquers.
E 114	Synthetic fatty acids	25	XYLENE	75	Z3-Z5	6-15	3	5.4-5.6		■	■	■	Clear and pigmented finishes for metals and wood. Large compatibility with acrylics, polyesters, alkyds and film-forming vehicles. Universal tinting-systems.
E 184	Synthetic fatty acids	28	XYLENE	70	Z1-Z3	6-12	3	2.3-2.5		■	■	■	Non-yellowing nitrocellulose lacquers for automotive finishes. Bake and two-components polyurethane enamels.
F 45	Special fatty acids	32	XYLENE	75	Z2-Z3	6-15	5	3.3-3.5				■	High build-up polyurethane sealers and finishes for wood and floor varnishes.
F 58	Castor	38	XYLENE	60	U-W	17-27	5	4.5-4.7				■	Polyurethane clear and pigmented finishes and sealers for metals and wood. Very fast curing aliphatic polyisocyanate laquers.
F 71	Hydrogenated castor oil/ Vegetable fatty acids	41	XYLENE	60	Z1-Z2	15-20	4	4.4-4.6				■	Two-components polyurethane gloss or mat finishes, sealers, endowed with high transparence.



BENASOL - Alkyd Resins HYDROXYLATED - 2-													
BENASOL	Oil type and Modification	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	OH % Solids	Applications				Suggested uses
									Air	Bake	Nitro	Catalyz.	
F 73	Hydrogenated castor oil	43	XYLENE	60	Y-Z	15-23	4	4.5-4.7				■	High-quality clear and pigmented polyurethane finishes for wood.
F 98	12-Hydroxystearic acid	33	XYLENE	60	Y-Z1	6-12	3	4.5-4.7			■	■	Two-pack polyurethane finishes and sealers, endowed with fast curing and good surface hardness.
ID 30	12-Hydroxystearic acid	30	XYLENE / ISOBUTYL ACET.	60	X-Y	6-15	5	5.7-5.9				■	Polyurethane finishes with good hardness, mar-resistance and high-gloss also after polishing.
K 660	Non-drying fatty acids	41	XYLENE	70	X-Z	6-15	6	3.5-3.7			■	■	Plasticizer for nitrocellulose primers and lacquers for wood and metals.
R 126	Castor	53	XYLENE	60	X-Y	6-15	5	5.4-5.6			■	■	Polyurethane clear finishes and lacquers for wood and metals.
R 127	Castor	59	XYLENE	60	W-Y	6-15	5	5.2-5.4			■	■	Polyurethane high build-up clear finishes and lacquers endowed with good adhesion and flexibility for metals and wood.
RC45	Castor / Vegetable fatty acids	41	XYLENE	60	Z1-Z3	6-15	6	4.2-4.4		■	■	■	Excellent polyurethane sealers and mat finishes for wood. Nitrocellulose lacquers.
RC 75	Castor	78	XYLENE	80	X-Y	6-10	5	5.8-6.0			■	■	High-gloss polyurethane finishes and vehicle to improve the general performances of wood systems.
RT 43	Castor / Talloil	43	XYLENE	60	Z1-Z2	6-15	6	4.0-4.2				■	Vehicle to be used alone or combined with other BENASOL for polyurethane sealers or mat finishes, endowed with high-body and fast drying.
T 35	Talloil	35	XYLENE	50	Z1-Z3	6-15	5	4.5-4.7		■	■		General industrial baking enamels . Hammer bake coatings.



BENASOL - Oils and Resins URETHANE MODIFIED									
BENASOL	Oil type	Oil %	Modification	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	Suggested uses
UR 59 X	Vegetable oils	56	Aromatic isocyanate	XYLENE	50	Z2-Z4	1-3	6	One-component sanding sealers and fast-drying mat finishes for wooden frames. Compatible with nitrocellulose and vinyl copolymers.
UR 59 WS	Vegetable oils	58	Aromatic isocyanate	WHITE SPIRIT	50	Z2-Z4	1-3	6	One-component air-drying glossy and flat finishes, suggested for floors, window and door frames.
UR 60	Vegetable oils	65	Aromatic isocyanate	WHITE SPIRIT	60	Z2-Z4	1-3	6	One-component fast-drying clear varnishes with good resistance to industrial and marine environment. Coatings for floors, wooden frames and "do-it-yourself".
UR 61	Soya fatty acids	60	Aromatic isocyanate	WHITE SPIRIT	60	Z1-Z3	1-3	7	Alkyd-urethane resin endowed with outdoor resistance, suggested to formulate clear or pigmented finishes for wood and metals.
UR 64	Soya fatty acids	61	Aromatic isocyanate	WHITE SPIRIT	55	X-Y	1-3	5	Alkyd-urethane resin endowed with outdoor resistance, suggested to formulate clear or pigmented finishes for wood and metals.
UR 65	Special fatty acids	58	Aliphatic isocyanate	WHITE SPIRIT	55	Z1-Z3	2-6	5	Non-yellowing varnishes and paints endowed with high-gloss retention, hardness and chalk-resistance.
UR 81	Linseed	100	Aromatic isocyanate		78	Z1 - Z3	0 - 1	9	Wood-stain varnishes with very good impregnating characteristics, water-repellent, steam permeability.
UR 4984	Safflower	65	Aliphatic isocyanate	WHITE SPIRIT	60	Z1-Z3	1-3	4	Non-yellowing clear and pigmented coatings with excellent properties of through-dry, hardness, adhesion, chemical and marine resistance. Premium quality finishes for yachts and "do-it-yourself".
UR 6005	Safflower	65	Aliphatic isocyanate	WHITE SPIRIT	70	Z1-Z3	1-3	4	Non-yellowing clear and pigmented coatings with excellent properties of through-dry, hardness, adhesion, chemical and marine resistance. Premium quality finishes for yachts and "do-it-yourself". conforming DECO paints CEPE 2004-42 .
UR 6200	Special unsaturated fatty acids	66	Aliphatic isocyanate	WHITE SPIRIT	75	Z1-Z3	1-3	4	Non-yellowing clear and pigmented coatings with excellent properties of through-dry, hardness, adhesion, chemical and marine resistance. Particularly suggested in clear and pigmented matt finishes Premium quality finishes for yachts and "do-it-yourself". conforming DECO paints CEPE 2004-42 .



BENASEDO S.p.A.

[index](#)

BENASOL – THIXOTROPIC ALKYDS RESINS												
BENASOL	Fatty acid type	Oil %	Solvent	Solids %	Visc. [G.H.]	A.V. Solids	Colour [G.H.] max.	Applications				Suggested used
								Air	Bake	Nitro	Catalyz.	
M 6153	Special fatty acids	60	White spirits	40	Gel	4 -10	7	■				Soft-gel fast drying thixotropic alkyd resin, endowed with very good flow , body and color retention. Employed alone or combined with medium-long oil alkyd resins to formulate enamels, glossy paints or flat one-coat wall finishes, pigmented sealers for wood and “do it Your self”, applied by brush or roll.
GEL 220	Special fatty acids	55	White spirits	50	Gel	6 -15	9	■				