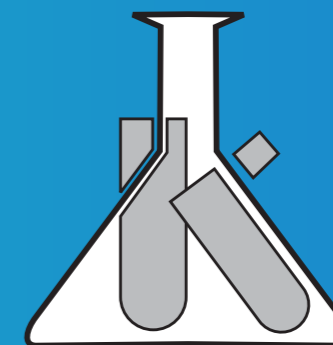


ELASTOMERIC ALIPHATIC POLYURETHANE DISPERSIONS

PRODUCT	FEATURES	RECOMMENDED APPLICATIONS	TYPE	VISCOSITY	SOLIDS	COSOLVENT	pH	ELONGATION	KONIG HARDNESS
Kamthane K1435E	Aliphatic Elastomeric polyurethane dispersion.	Elastomeric Paints and Coatings on flexible substrates such as concrete, wood, etc. Flexibilising resin for acrylic emulsions.	Aliphatic	100-450 cps	44%± 2	0.5% Solvent	7.0-8.5	>600%	60
Kamthane K-1432	Solvent free Elastomeric flexible, Aliphatic polyurethane dispersion for use in a wide variety of applications.	Leather and latex glove coatings.	Aliphatic	100-450 cps	40%± 2	NIL Solvent	7.0-8.5	>550%	50
Kamthane K-1400 S	Silicone modified non-ionic selfcrosslinking solvent free elastomeric flexible coating. Excellent water beading & repellent properties. Good solvent resistance.	Elastomeric durable membrane & paints. Leather coatings and for use in a wide variety of applications.	Aliphatic	100-450 cps	45%± 2	NIL Solvent	7.0-8.5	>650%	40
Kamthane 1535 YM		Polyurethane dispersion for use in lamination inks for food packaging applications	Aliphatic PUD	300-600 cps	35± 2%	0.5% NMP	7-9	>500%	60
Kamthane 1432 YM		Polyurethane dispersion for use in lamination inks for food packaging applications	Aliphatic PUD		40± 2%	NA	7-9	NA	160
Kamthane GL 40		Solvent free elastomeric coating, leather and latex gloves coating	Aliphatic PUD	100-450 cps	40± 2%	5% NMP	7-9	>700%	160
Kamthane GL 50		High solid solvent free elastomeric paints and coatings on flexible substances such as concrete, wood etc. ,comfortable with acrylic emulsion	Aliphatic PUD	100-450 cps	50± 1%	5% NMP	7-9	>700%	160
Kamthane GL 60		Solvent free elastomeric paints and coatings on flexible substances such as concrete, wood etc. ,comfortable with acrylic emulsion	Aliphatic elastomeric PUD	100-450 cps	60 ± 1%	5% NMP	7-9	>600%	160



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ALIPHATIC POLYURETHANE DISPERSIONS

PRODUCT	FEATURES	RECOMMENDED APPLICATIONS	TYPE	VISCOSITY	SOLIDS	COSOLVENT	pH	ELONGATION	KONIG HARDNESS
Kamthane K-1492	High performance dispersion with superior Hardness, Water and Chemical Resistance. Good U.V. Resistance.	Parquet floor lacquers, floor and wall coatings, paper coatings, multi surface coatings.	Aliphatic	100-380 cps	33% ± 2	8.0% NMP	7.0-9.0	>200%	160
Kamthane K-164PP	Good adhesion & abrasion resistance, hardness and flexibility. Good clarity & gloss with inherent flow & levelling. Must be tried where clarity and fast cure in a high-build finish are wanted. Good water and alkali resistance. Good overall resistance to cleaning chemicals. NMP free	Wood floor coatings, e.g. parquet, timber sports floors. Furniture and other wood coatings. Glass and ceramic coating. Anti-Graffiti coatings due to outstanding overall chemical resistance & fast cure. Good top coat for leather. High performance water based PU Enamels.	Aliphatic	150-500 cps	33% ± 2	7.9% NEP	7.0-9.0	>200%	200
Kamthane K-168 SF	SOFT HANDLE property. Scratch resistant, hard & flexible. Good water & alkali resistance. Good Flow properties. Excellent optical clarity and adhesion to many substrates. NMP free	High end leather top coats. Wood coatings. Anywhere high performance and soft handle wanted eg. furniture, leather, etc. Excellent solvent resistance.	Aliphatic	150-500 cps	34%± 2	8.1% NEP	7.0-9.0	>200%	180
Kamthane T 40M	Flexible solvent free Aliphatic PUD	Coating on flexible substrates such as Leather, Textile, Paper etc., Hygiene paint coating	Aliphatic	150-500 cps	40%±2	5% NMP	7.0-9.0	>700%	160

ALIPHATIC SOLVENT FREE POLYURETHANE DISPERSIONS

PRODUCT	FEATURES	RECOMMENDED APPLICATIONS	TYPE	VISCOSITY	SOLIDS	COSOLVENT	pH	ELONGATION	KONIG HARDNESS
Kamthane S-1801	Solvent-free PU dispersion. Excellent Flexibility and Bonding properties to various substrates esp. Plastics	Primer coating for various plastic substrates (e.g : PVDC, PVC, PP etc. incl food packaging.)	Aliphatic	100-350 cps	33%± 2	NIL solvent	7.0-9.0	>500%	20



POLYCARBONATE ALIPHATIC HYBRID SELF-CROSSLINKING POLYURETHANE DISPERSIONS

PRODUCT	FEATURES	RECOMMENDED APPLICATIONS	TYPE	VISCOSITY	SOLIDS	COSOLVENT	pH	ELONGATION	KONIG HARDNESS
Kamthane PC 4601	Polycarbonate Aliphatic Hybrid, low VOC PU dispersion. Good Hardness and Clarity.	1 K system for clear direct to concrete coatings. Superior hot tyre resistance. Excellent water, alkali and UV resistance. Good imprint resistance. Also for high build clear films on pebbled concrete driveways & warehouses	Poly carbonate Aliphatic Hybrid	100-400 cps	38%± 2	0.9 % Solvent	7.0-9.0	>100%	150

ALIPHATIC HYBRID POLYURETHANE DISPERSIONS

PRODUCT	FEATURES	RECOMMENDED APPLICATIONS	TYPE	VISCOSITY	SOLIDS	COSOLVENT	pH	ELONGATION	KONIG HARDNESS
Kamthane K-2000	Aliphatic Hybrid cost effective Low VOC PU dispersion. High Hardness and Clarity	Concrete coatings. Good hot tyre resistance. Excellent water, alkali and UV resistance. Industrial Wood Coatings, good imprint resistance.	Aliphatic Hybrid	100-400 cps	40%± 2	0.9 % NMP	7.0-9.0	NA	170
Kamthane K-5000	Aliphatic Hybrid. Cost effective, Low VOC, Flexible & tough dispersion. High tensile.	High flexibility combined with good hardness Good abrasion, chemical and UV resistance. Very good adhesion to many substrates. Used as flexibilising resin particularly with K-2000	Aliphatic Hybrid	100-450 cps	37%± 2	0.9 % NMP	7.0-9.0	>300%	110

OTHER SPECIALTY POLYURETHANE DISPERSIONS

PRODUCT	FEATURES	RECOMMENDED APPLICATIONS	TYPE	VISCOSITY	SOLIDS	COSOLVENT	pH	ELONGATION	KONIG HARDNESS
Kamthane K-2833	An aromatic hybrid polyurethane dispersion having outstanding abrasion and chemical resistance.	Parquet flooring. Hard, tough with a good degree of flexibility. Excellent alcohol and saponification resistance	Aromatic Hybrid	100-300 cps	33%± 2	6.9% NMP	7.0-8.5	>200%	160
Kamthane K-2016	Aliphatic film forming hard PU Hybrid dispersion, with good overall properties for masonry, metals & multi substrates. Early water resistance & hardness development.	Excellent overall properties, with very high hardness for various substrates like concrete, wood etc.	Aliphatic Hybrid	100-300 cps	37%± 2	4.5% NMP	7.0-9.0	>200%	160



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