

KAMSONS CHEMICALS PVT. LTD.

Plot No. A-726, T.T.C. Industrial Area, Village Mahape,
Thane Belapur Road, Dist. Thane, Navi Mumbai. INDIA.

Ph: (+91)22-26854728, (+91)22-26854808. Fax : (+91)22-26854438

KAMTHANE K- 7000

KAMTHANE K- 7000 is a flexible yet hard film forming aliphatic hybrid polyurethane dispersion with excellent adhesion, alkali resistance and good chemical resistance for use in various Industries.

Typical properties

Type	Anionic urethane hybrid, dispersion
Appearance	Translucent-hazy bluish.
Total solids (% w/w)	38%± 2
pH (25°C)	7.0 -9.0
Viscosity, cps	100 -400
Elongation at break	> 200%
Volatile	< 0.8 %
Density of dispersion (kg/l)	1.04
Konig hardness	140
MFFT	<1 0 °C
Freeze/thaw stability	stable

Film properties

Flexible yet Hard and UV resistant.
Very good Adhesion to various substrates.
Excellent water, alkali resistance.
Good abrasion and chemical resistance.
Does not need Coalescents for film formation.

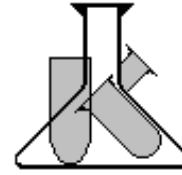
Recommendation for end-use

Concrete coatings.
Floor & wall coatings.
Multi-surface coatings
Wood & parquet coatings.

General guidelines

The addition of coalescents, wetting and / or levelling agents and defoamers is required. Kamthane K-7000 can be combined with Kamicryl acrylics.

Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, user should determine the suitability of the product for his intended use and user assumes the risk and liability in connection therewith. We do not suggest violation of any existing patents or give permission to practice any patented invention without a license.



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TECHNICAL DATA SHEET

KAMICRYL 60-SC HG : Water based high gloss enamel emulsion

KAMICRYL 60-SC HG is a self-crosslinking acrylic copolymer emulsion suitable for a wide range of substrates. Its outstanding gloss, substrate penetration and adhesion, and mix of hardness with flexibility provide a unique set of properties for the paint formulator to work with especially for waterbased high gloss enamels.

Typical Properties :

Type	Anionic, acrylic copolymer emulsion
Appearance	Translucent – slightly milky emulsion
Solid Content	47 ± 1 %
Viscosity in B4 cup	40- 180 seconds
pH	7 to 8.5
MFFT (°C)	54 °C
Volatiles	water
Neutralising agent	ammonia
Density @ 20°C, Kg/litre	1.05

Key Features and benefits to formulators:

Superior gloss and clarity in water-based technology
Nano-particle size emulsion
Excellent substrate penetration and adhesion
Very high and rapid hardness development.
Excellent resistance to dirt pick-up
Outstanding wet adhesion and water resistance
Applicable on wide variety of substrates,
eg metals, concrete, masonry, glass, wood

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