



KAMSONS CHEMICALS PVT. LTD

TECHNICAL DATA SHEET

KAMTHANE PC4601

Kamthane PC4601 is an NMP free, aliphatic, fluorinated Polycarbonate hybrid polyurethane dispersion exhibiting outstanding properties in terms of adhesion especially to concrete & other substrates. Good UV stability and chemical resistance for use in various industries.

Typical properties:

Type	anionic urethane hybrid dispersion
Appearance	translucent, yellowish-milky
Total solids (% w/w)	36 +/- 2%
pH (25°C)	7.5 - 9.0
Viscosity, cps	40 - 160
Solvent	1.2%
Density of dispersion (20°C; kg/l)	1.03
Konig Hardness	160
Freeze/thaw stability	stable

Film properties:

- Excellent penetration and adhesion to a large variety of substrates
- Good water, solvent, chemical and abrasion resistance
- Good flow and leveling properties

Recommendation for end-use:

- Concrete substrates
- Floor and wall coatings
- Multi-surface and joinery paints
- Parquet lacquers

General guidelines

Kamthane PC-4601 would require addition of coalescent agents for film formation..
Kamthane PC-4601 can be combined with some acrylics.

DISCLAIMER: THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.
