

# Kamsons Chemicals Technical Data

## KAMTHANE-1432

**KAMTHANE-1432 is a flexible, solvent free aliphatic polyurethane dispersion for use in various applications.**

### Typical properties

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | anionic, aliphatic polymer |
| Appearance                           | Milky white                |
| Total solids (% w/w)                 | 38%±1                      |
| pH (25 °C)                           | 7 to 8.5                   |
| Viscosity (fordcup @ 30°C)           | 30-90 cps                  |
| Volatile                             | water                      |
| Density of dispersion (20 °C) (kg/l) | 1.04                       |
| Elongation at break                  | 550%                       |
| Freeze/thaw stability                | Not stable                 |
| Konig hardness                       | 40                         |

### Film properties

Tough and flexible

### Recommendation for end-use

Flexibilising resin for acrylic emulsions  
Coatings on flexible substrates such as leather, textile, paper etc  
Glass fibre sizing  
Hygiene paint Coatings

### General guidelines

Kamthane-1432 is compatible with a wide range of acrylic emulsions and with alcohols, such as ethanol and isopropanol  
Small additions of Crosslinkers will improve chemical resistance and mechanical properties.

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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.

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