

DENSURF SM 114

Surface Modifier

PRODUCT DESCRIPTION













Densurf SM 114 is a surface modifier developed for solvent-based and solvent-free coatings

- Enhances the wetting and spreading of paint by reducing the surface tension of the coating.
- Prevents the surface defects such as Benard cell, crater and orange peel effect.
- Provides excellent slip effect and scratching resistance.

APPLICATIONS

- General Industrial Coatings
- Automotive Coatings
- Floor Coatings
- Protective Coatings
- Wood Coatings

SOLUBILITY

Water		Aliphatic Hydrocarbon	
Ethyl Alcohol		Butyl Acetate	
Butyl Alcohol		Xylene	
Acetone		Butyl Glycol	
Butyl Glycol Acetate			
 Soluble  Partly Soluble  Not Soluble			

DEPOLAMA

- The shelf life is at least 12 month from the date of manufacture when stored between 5°C-35°C.
- WARNING! Keep away from acids, heat and moisture.
- WARNING! Use after mixing.

TECHNICAL PROPERTIES

- Chemical Structure: Polyether modified siloxane
- Solid Content(10min., 160 °C): 98 ±2%
- Appearance: Clear yellow liquid
- Ionic Structure: Non-ionic
- Density (20 °C): 1.028 ±0.020 g/ml

SYSTEMS

Emulsion Resins		Water-borne Resins	
Solvent-borne Resins		Solvent-free Resins	
 Suitable  Partly Suitable  Not Suitable			

DOSAGE

Recommended amount; 0.05-0.5% (by weight as supplied based on total formulation)

Note: Amounts mentioned above are just a recommendation. Please make laboratory tests to specify the optimum amounts.

PROCESS RECOMMENDATION

- Product can be incorporated during any stage of the production process.
- It can be diluted with suitable solvent.
- Dilution is recommended to make dosing easier.
- Recommended to test foam formation of the product and overcoat adhesion of the system.