DENSURF SM 127

Surface Modifier

PRODUCT DESCRIPTION

DENSURF SM 127 is a surface modifier developed for water-based coatings.

- Enhances the wetting and spreading of paint by reducing the surface tension of the coating.
- Compatible with solvent-based and solvent-free systems.

APPLICATIONS

- Architectural Coatings
- General Industrial Coatings
- Wood Coatings
- Automotive Coatings
- Printing Inks

SOLUBILITY

Water	○	White Sprit	●
Ethyl Alcohol	●	Butyl Acetate	●
Butyl Alcohol	●	Xylene	○
Acetone	○	Butyl Glycol	●
Co-solvent	●	MPA	●

● *Soluble* ◐ *Partly Soluble* ○ *Not Soluble*

STORAGE

- Store between 5°C-35°C.
- The shelf life is at least 60 months in the unopened original packaging from the date of manufacture when stored at recommended conditions.
- Close the packaging cap tightly after use.
- WARNING! Keep away from acids, heat and moisture.

TECHNICAL PROPERTIES

- **Chemical Structure:** Organo modified siloxane
- **Solid Content(10min., 160 °C):** 98 ±2%
- **Appearance:** Clear/Little hazy colourless liquid
- **Ionic Structure:** Non-ionic
- **Density (20 °C):** 1.037 ±0.020 g/ml

SYSTEMS

Emulsion Resins	●	Water-borne Resins	●
Solvent-based Resins	◐	Solvent-free Resins	◐

● *Suitable* ◐ *Partly Suitable* ○ *Not Suitable*

DOSAGE

Recommended amount; 0.05-1.00% (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.