

DENSURF SM 124

Surface Modifier

PRODUCT DESCRIPTION

DENSURF SM 124 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 surface defects.

APPLICATIONS

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

SOLUBILITY

Water	<input type="radio"/>	White Sprit	<input checked="" type="radio"/>
Ethyl Alcohol	<input checked="" type="radio"/>	Butyl Acetate	<input checked="" type="radio"/>
Butyl Alcohol	<input checked="" type="radio"/>	Xylene	<input checked="" type="radio"/>
Acetone	<input type="radio"/>	Butyl Glycol	<input checked="" type="radio"/>
Co-solvent	<input checked="" type="radio"/>	MPA	<input checked="" type="radio"/>

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:** Polyether modified polysiloxane
- **Solid Content (10min., 160 °C):** 98.00 ± 2.00 %
- **Appearance:** Clear/hazy colourless liquid
- **Ionic Structure:** Non-ionic
- **Density (20 °C):** 1.01 ± 0.02 g/mL

SYSTEMS

Emulsion Resins	<input type="radio"/>	Water-borne Resins	<input type="radio"/>
Solvent-based Resins	<input checked="" type="radio"/>	Solvent-free Resins	<input checked="" type="radio"/>

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.