

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 |  | 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: Polyether modified polysiloxane
- Solid Content(10min., 160 °C): 98 ±2%
- Appearance: Clear/hazy colourless liquid
- Ionic Structure: Non-ionic
- Density (20 °C): 1.006 ±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.