

DENSURF SM 105

Surface Modifier

PRODUCT DESCRIPTION

Densurf SM 105 is a surface modifier developed for water-based coatings.

- Enhances the wetting and spreading of paint by reducing the surface tension of the coating.
- Recommended for coatings that applied on absorbing surfaces like concrete.
- It can cause surface defects like crater at high dosages.

APPLICATIONS

- Architectural Coatings
 - Concrete Primer

SOLUBILITY

Water	<input type="radio"/>	Aliphatic Hydrocarbon	<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"/>

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

SYSTEMS

Emulsion Resins	<input checked="" type="radio"/>	Water-borne Resins	<input checked="" type="radio"/>
Solvent-based Resins	<input type="radio"/>	Solvent-free Resins	<input type="radio"/>
<input checked="" type="radio"/> Suitable	<input type="radio"/> Partly Suitable	<input type="radio"/> Not Suitable	

DOSAGE

Recommended amount; 0.05 - 0.50 % (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 is preferably incorporated at let-down stage.
- 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.