

# **DENSURF SM 101**

Surface Modifier

# **PRODUCT DESCRIPTION**

DENSURF SM 101 is a surface modifier developed for solvent-based, solvent-free and water-based 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.

# **APPLICATIONS**

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

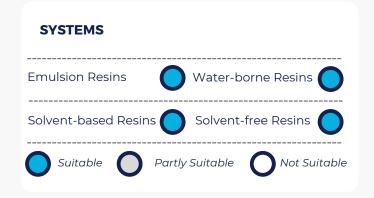
# Water Aliphatic Hydrocarbon Ethyl Alcohol Butyl Acetate Butyl Alcohol Xylene Acetone Butyl Glycol Butyl Glycol Acetate Soluble Partly Soluble Not Soluble

# **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): 96.00 ± 2.00 %
- Appearance: Clear/Light yellow liquid
- Ionic Structure: Non-ionic
- Density (20°C): 1.04 ± 0.02 g/mL



### **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 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.

