# densurf**\$**

## **DENSURF SM 220**

Surface Modifier

### **PRODUCT DESCRIPTION**

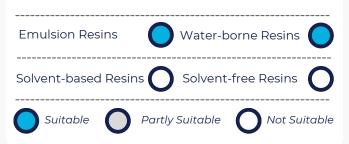
Densurf SM 220 is a silicone-free surface modifier developed for water-based systems.

- Improves the compatibility between the base paint and the color pastes.
- Enhances the wetting and spreading of paint by reducing the surface tension of the coating.

## **TECHNICAL PROPERTIES**

- Chemical Structure: Functional ester
- Appearance: Yellowish waxy liquid
- Ionic Structure: Non-ionic
- Hydroxyl Value: 63.00 ± 5.00 mg KOH/g
- pH (5% Solution by weight, 25°C): 6.50 ± 1.50

#### SYSTEMS



#### SOLUBILITY

**APPLICATIONS** 

Architectural Coatings

Water	Aliphatic Hydro	ocarbon O
Ethyl Alcohol	Butyl Acetate	0
Butyl Alcohol	Xylene	0
Acetone	Butyl Glycol	0
Soluble	Partly Soluble	<b>O</b> 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! Densurf SM 220 is in waxy form at cold weather(below 15°C). This will not affect performance of product. It can be heated before use.
- WARNING! Keep away from acids, heat and moisture.

#### DOSAGE

**Recommended amount;** 0.10 - 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**

- Store at room temperature to ease the dosing because it has waxy form.
- Product can be incorporated during any stage of the production process.
- Improve compatibility of the system when it is added at the grinding stage.

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Document No: FR.04-001 Publish Date: 11.03.2022 Revision Date: 11.03.2022 Revision No : 0 Info. Label: Public www.densurf.com