

# 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.

### APPLICATIONS

- Architectural Coatings

### SOLUBILITY

Water		Aliphatic Hydrocarbon	
Ethyl Alcohol		Butyl Acetate	
Butyl Alcohol		Xylene	
Acetone		Butyl Glycol	
 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! 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.

### TECHNICAL PROPERTIES

- Chemical Structure: Functional ester
- Appearance: Yellowish waxy liquid
- Ionic Structure: Non-ionic
- Hydroxyl Value: 63 ±5 mg KOH/g
- pH(5% Solution by weight, 25°C): 6.5 ±1.5

### SYSTEMS

Emulsion Resins



Water-borne Resins



Solvent-based Resins



Solvent-free Resins



Suitable



Partly Suitable



Not Suitable

### 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.