

# Densurf DA 415

## Dispersing Agent

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### PRODUCT DESCRIPTION

Densurf DA 415 is an amine derivate dispersing agent generally used for the thick layer systems and the primers.

It prevents fillers and inorganic pigments from the settling and used for the bentonites' dispersions.








### APPLICATIONS & KEY FEATURES

Densurf DA 415 has a strong pigment affinity and increases the stability. It developed to stabilize the heavy particles.

The Main Application Areas of the Densurf DA 415 are:

- Wood Coatings
- Protective Coatings
- General Industrial Paints
- Sealants and Liquid Gaskets

### SOLUBILITY

Water	Aliphatic Hydrocarbons
	
N-Butyl Acetate	N-Butanol
	
Xylene	Methoxy Propyl Acetate
	
	
Soluble	Not Soluble

\*\*Detailed knowledge about the suitable diluents can be asked to the technical support team. The provided diluents are the referances according to the most common application areas.

### STORAGE

Please store the unopened packaging between 5°C - 35°C. The shelf life is at least 24 months for unopened packagings. Close the packaging cap tightly after use.

**WARNING!** Keep away from the acids, the heat and the moisture.

### SPECIAL NOTES

Densurf DA 415 can be used as an anti-sagging agent for the primers and the thick layer applications.

It can be implemented in the sealant formulations due to its high stability effect.

### TECHNICAL PROPERTIES

- Chemical Structure: Salt of alkylol amine derivatives
- Appearance: Clear yellowish liquid
- Acid Value:  $56.50 \pm 1.50$  mg KOH/g
- Amine Value:  $56.50 \pm 1.50$  mg KOH/g
- Density (20°C):  $0.90 \pm 0.02$  g/mL
- Solid Content (10 mins., 160°C):  $46.00 \pm 1.00$  %
- Solvent: Aliphatic hydrocarbon mixture

### SYSTEM

Long Oil Alkyd Resins



Polyester Resins



Short Oil Alkyd Resins



Medium Oil Alkyd Resins



Alkyd - Melamine Resins



Acrylic Polyol Resins



Suitable

Not Suitable

\*\*Detailed knowledge about the compatible systems can be asked to technical support team. The provided systems are the referances according to the most common application areas.

### DOSAGE

Titanium dioxide: 0.50 - 2.00 % (by weight as supplied based on the pigment amount)

Inorganic pigments: 5.00 - 10.00 % (by weight as supplied based on the pigment amount)

Extenders: 0.30 - 0.80 % (by weight as supplied based on the pigment amount)

### PROCESS RECOMMENDATION

The additve should be added into the millbase and premixed in the binder or solvent before the pigment is added.