

Densurf DA 415

Dispersing Agent

Content Publish Date: 21.05.2026
Content Revision Date: 21.05.2026
Content Revision No : 001

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 references 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 ± 1.50 mg KOH/g
- Amine Value: 56.50 ± 1.50 mg KOH/g
- Density (20°C): 0.90 ± 0.02 g/mL
- Solid Content (10 mins., 160°C): 46.00 ± 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 references 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 additive should be added into the millbase and premixed in the binder or solvent before the pigment is added.