Technical Data Sheet

Dynoadd® F-100

Flow and wetting additive for solvent free and solvent borne coatings

- **Excellent flow and levelling**
- **Improves substrate wetting**
- **Eliminates craters and pinholes**
- **Compatible in polar systems**
- **Non-silicone**
- **Non-VOC**

Properties

Dynoadd® F-100 is a polymeric, non-silicone flow and wetting additive for solvent-borne coatings. It lowers the surface tension in the formulation. Surface defects like craters, cissing and pinholes are eliminated. Dynoadd® F-100 is more compatible with backbone resins than Dynoadd® F-1 and gives improved performance in more polar systems.

Typical applications / dosage

Coil coatings	0.1% - 1.0%
Can coatings	0.01% - 0.3%
Automotive OEM	0.05% - 0.4%
Printing Inks	0.1% - 2.0%

The additive is compatible with most solvent-borne and non-solvent coating systems independently of lacquer chemistry. However, it is more compatible in polar systems than Dynoadd® F-1. It may be used in all layers in multi-layered systems.

Method of addition

Addition is usually in the let down stage. Dividing the addition of Dynoadd® F-100 between the pigment dispersion and in the let down can improve pigment wetting and hiding power.

Solubility

Dynoadd® F-100 is completely soluble in solvents like aromatic hydrocarbons, glycol ethers, esters and alcohols. It has a limited solubility in aliphatic hydrocarbons, and is not soluble in water.

Delivery Form

Liquid polymer (100%).

Technical data

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	2300	DIN 53019
Refractive Index nD20	1.466	ISO 5661
Specific gravity 25/4°C	1.060	ISO 15212-1

Regulatory Status

EU-REACH-Dynoadd F-100 is EU-Reach compliant
A complete regulatory status of this product can be obtained upon request.

Storage stability

Storage stability is three years from the date of production when stored at temperatures below 30°C in closed containers.

Packaging

Material	Type	Kg Net	Item no.
PE	IBC	1000	F120220
Steel	Drum	200	F120258
Steel	Pail	25	F120270

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