

Dynoadd F-1

Anti-crater and flow additive

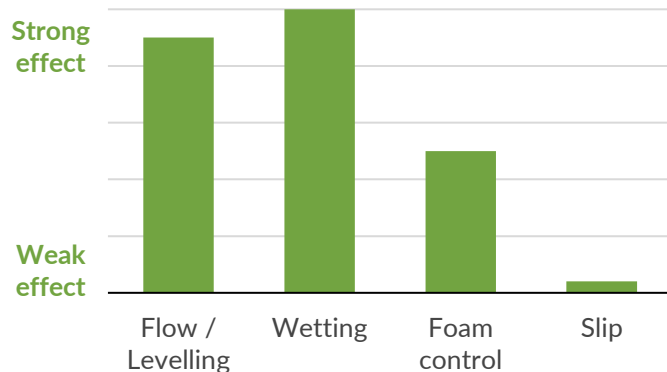


- Excellent flow and levelling
- Improves substrate wetting
- Eliminates craters and pinholes
- Silicone-free

Properties

Dynoadd F-1 is a polyester based, silicone-free general-purpose flow and anti-crater additive for solvent-borne coatings. It lowers surface tension in coating formulations, thus improving substrate wetting.

Surface defects like craters, cissing, and pinholes are eliminated. Dynoadd F-1 has balanced compatibility with most backbone resins and has defoaming properties in a large number of formulations. Dynoadd F-1 is an excellent choice in multiple-layer coatings.



Method of addition

Addition is usually in the let-down stage. Dividing the addition of Dynoadd F-1 between the pigment dispersion and in the let-down can improve pigment wetting and hiding power.

Typical applications and dosage

- Industrial coatings 0.1% - 1.0%
- Coil coatings 0.1% - 1.0%
- Automotive OEM 0.02% - 0.3%
- Printing Inks 0.1% - 2.0%
- Wood coatings 0.1% - 1.0%

Dynoadd F-1 is compatible with most solvent-borne and non-solvent coating systems independently of lacquer chemistry.

Technical Data

Liquid polymer (100%).

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	5600	DIN 53019
Specific gravity 25/4°C	1,060	ISO 15212-1

Soluble in aromatic hydrocarbons, glycol ethers, esters and alcohols.

Partially soluble in aliphatic hydrocarbons.

Insoluble in water.

Regulatory Status

EU-REACH- compliant.

A regulatory status of this product and MSDS can be obtained upon request at www.dynoadd.com

Storage Stability

Storage stability is three years from the date of production when stored at temperatures below 25 °C in closed containers.

