

# Dynoadd F-101

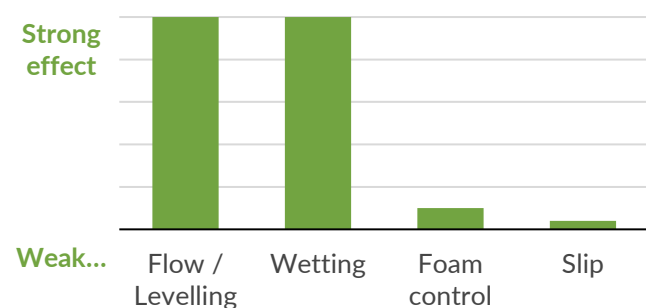
Flow and wetting additive for solvent free and solvent-borne coatings



- Excellent flow and levelling
- Eliminates craters and pinholes
- Suitable for UV systems
- Silicone- and VOC-free

## Properties

Dynoadd F-101 is a polymeric, silicone-free flow and levelling agent. It reduces the surface tension in non-solvent and solvent based coating systems, thus improving substrate wetting. Surface defects like craters, cissing, and pinholes are eliminated. Dynoadd F-101 is more polar than Dynoadd F-100. Dynoadd F-101 gives improved protection against surface defects in radcure formulations. The higher polarity can contribute to good pigment wetting and improved adhesion.



## Typical applications and dosage

- Coil coatings 0.1% - 1.0%
- Automotive/OEM 0.05% - 0.3%
- Printing Inks 0.1% - 2.0%
- Radcure coatings 0.05% - 0.5%

The additive is compatible with most solvent-borne and non-solvent coating systems independently of lacquer chemistry. However, Dynoadd F-101 is seen to have an extra advantage in polar lacquer systems due to its polar properties. 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-101 between the pigment dispersion and the let-down can improve pigment wetting and hiding power.

## Technical Data

Liquid polymer (100%).

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa s. 23°C	3400	DIN 53019
Specific gravity 25/4°C	1.069	ISO 15212-1

Soluble in aromatic hydrocarbons, glycol ethers, esters, alcohols, and 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](http://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.

