

Dynoadd F-810

Flow and levelling additive for solvent borne coatings for promoting adhesion of UV curing inks and topcoats



- Strongly improves adhesion to UV curing inks
- Excellent flow and levelling
- Eliminates craters and pinholes
- Silicone free

Properties

Dynoadd® F-810 is a multi-functional, adhesion promoting flow and levelling agent. The novel surface active Dynoadd F-810 polymer modifies coating surfaces in such way that adhesion to UV curing inks and coatings is considerably improved.

As an effective flow and levelling additive Dynoadd F-810 controls the surface tension of a coating thus eliminating surface defects such as orange peel, craters, and pinholes. Dynoadd F-810 also has a positive effect on substrate wetting.

Addition Method and Dosage

Coil coatings	0.5% - 1.0%
Packaging coatings	0.5% - 1.0%
General industrial	0.5% - 1.0%

The properties of Dynoadd F-810 make it ideal for improving UV ink adhesion to various base coats.

The additive is compatible with most solvent-borne systems independently of lacquer chemistry. Formulations containing Dynoadd® F-810 can be recoated.

Post addition is recommended.

Technical Data

Liquid polymer (100%)

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	1100	DIN 53019
Specific gravity 25/4°C	0.982	ISO 15212-1

Soluble in aromatic hydrocarbons, DBE and acetates.

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.

