

Dynoadd F-802

Multifunctional adhesion promoting levelling additive for solvent borne formulations



- Additive for primers or backers
- Improved reactivity
- Rapid PU foam adhesion
- Strengthens inter-coat adhesion of PU topcoats to primers

Properties

Dynoadd® F-802 is a multi-functional, adhesion promoting flow and levelling agent. Dynoadd F-802 has similar properties to Dynoadd F-800 but with considerably higher reactivity enabling immediate adhesion between the coated surface and the -NCO cured formulation. The novel surface active Dynoadd F-802 polymer modifies coating surfaces in such a way that adhesion to -NCO curing formulations such as foam, adhesives or coatings is considerably improved. As an effective flow and levelling additive Dynoadd F-802 controls the surface tension of a coating thus eliminating surface defects such as orange peel, craters and pinholes. The properties of Dynoadd F-802 make it ideal for formulating backer coatings which have good foam adhesion without the use of additional adhesion resins. The adhesion promoting properties are maintained even after repeated curing.

Addition Method and Dosage

Coil coatings	0.4%-1.0%
General Industrial coatings	0,4%-1,0%
Inks	0,5%-1,0%

Post addition is recommended.

Formulations containing Dynoadd F-802 can be recoated.

Technical Data

Liquid polymer (72%) in
DPM / Solvent naphtha 150ND (10:1)

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	<5000	DIN 53019
Specific gravity 25/4°C	1.028	ISO 15212-1

Bio-based carbon content

% Bio-based carbon (¹⁴C) EN 16640:2017	24%
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Soluble in aromatic hydrocarbons, DBE and acetates.

Insoluble in water.

Direct dilution of Dynoadd F-802 in glycol ethers and alcohols should be avoided.

Dynoadd F-802 can, however, be used in formulations containing glycol ethers and alcohols without any reduction in performance. The additive is compatible with most solvent-borne systems independently of lacquer chemistry.

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 two (2) years from the date of production when stored at temperatures below 25 °C in closed containers.

