

Technical Data Sheet

Dynoadd[®] F-800

Multifunctional adhesion promoting levelling additive for solvent borne formulations

- **Strongly improves PU foam adhesion**
- **Strengthens inter-coat adhesion of PU topcoats to primers**
- **Eliminates craters and pinholes**
- **Silicone free**

Properties

Dynoadd[®] F-800 is a multi functional, adhesion promoting flow and levelling agent. The novel surface active Dynoadd F-800 polymer modifies coating surfaces in such way that adhesion to polyurethane foam is considerably improved. As an effective flow and levelling additive Dynoadd F-800 controls the surface tension of a coating thus eliminating surface defects such as orange peel, craters and pinholes. Dynoadd F-800 also has a positive effect on both substrate and pigment wetting.

Typical applications / dosage

Coil coatings 0.1% - 0.6%
The properties of Dynoadd F-800 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. The additive is compatible with most solvent-borne systems independently of lacquer chemistry. Formulations containing Dynoadd[®] F-800 can be recoated.

Method of addition

Post addition is recommended.

Solubility

Dynoadd[®] F-800 is completely soluble in aromatic hydrocarbons, DBE and acetates. Direct dilution of Dynoadd F-800 in glycol ethers and alcohols should be avoided. Dynoadd F-800 can, however, be used in formulations containing glycol ethers and alcohols without any reduction in performance.

Delivery form

Liquid polymer (65%) in
Solvent naphtha 150ND / Di-basic ester (1:1)

Technical data

Parameter	Typical value	Method
Appearance	Dark coloured liquid	Subjective
Viscosity mPa.s. 23°C	<5000	DIN 53019
Refractive Index nD20	1.466	ISO 5661
Specific gravity 25/4°C	1.0385	ISO 15212-1

Regulatory status

EU-REACH-Dynoadd F-800 is EU-Reach compliant

A complete regulatory status of this product can be obtained upon request.

Storage stability

Storage stability is 12 months from the date of production when stored at temperatures below 25°C in closed containers. Storage stability can be improved considerably by dilution to 50% in aromatic solvents. Polar protic solvents, such as glycol ethers, should not be used to dilute Dynoadd F-800 for storage purposes.

Packaging

Material	Type	Kg Net	Item no.
PE	IBC	1000	F219720
Steel	Drum	200	F219758
Steel	Pail	25	F219770