Dynoadd F-800

dynoadd®
by dynea

Multifunctional adhesion promoting levelling additive for solvent borne formulations

- **Strongly improves PU foam adhesion to primers**
- **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   .

Addition Method and 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.

Post addition is recommended.

Technical Data

Liquid polymer (65%) in
Solvent naphtha 150ND / Dipropyleneglycol monomethylether (1:1)

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	<5000	DIN 53019
Specific gravity 25/4°C	1.003	ISO 15212-1

<u>Soluble</u> in aromatic hydrocarbons, DBE and acetates.
<u>Insoluble</u> in water

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.

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 twelve (12) months from the date of production when stored at temperatures below 25 °C in closed containers.

dynea®