

## Technical Data Sheet

# Dynoadd<sup>®</sup> F-802

### Multifunctional adhesion promoting levelling additive for solvent borne formulations

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

#### Properties

Dynoadd<sup>®</sup> 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.

#### Typical applications / dosage

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

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. The additive is compatible with most solvent-borne systems independently of lacquer chemistry. Formulations containing Dynoadd<sup>®</sup> F-802 can be recoated.

#### Method of addition

Post addition is recommended

#### Solubility

Dynoadd<sup>®</sup> F-802 is completely soluble in aromatic hydrocarbons, DBE and acetates. 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.

#### Delivery form

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

#### Technical data

Parameter	Typical value	Method
Appearance	Dark coloured liquid	Subjective
Viscosity mPa.s. 23°C	<5000	DIN 53019
Refractive Index nD20	1.470	ISO 5661
Specific gravity 25/4°C	1.028	ISO 15212-1

#### Regulatory status

EU-REACH-Dynoadd F-802 is EU-Reach compliant. A complete regulatory status of this product can be obtained upon request.

#### Storage stability

Storage stability is 24 months from the date of production when stored at temperatures below 25°C in closed containers.

Dynoadd F-802 may become cloudy when stored for longer periods at temperatures lower than 10°C. By heating to 30-40°C the product will revert to its original appearance.

#### Packaging

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