

Technical Data Sheet

Dynoadd[®] F-404

Flow and levelling additive for solvent borne coatings

- Enhances flow and levelling
- Improves gloss
- Prevents craters
- Eliminates orange peel
- Improves substrate wetting
- Improves surface slip

Properties

Dynoadd[®] F-404 is a polyester-based, siloxane modified additive that effectively controls surface tension in solvent based coating systems. Dynoadd[®] F-404 gives excellent flow, levelling and overspray cratering resistance to spray applied coatings. The additive significantly improves film appearance at low dosage levels. Enhanced surface slip is gained with increasing level of addition.

Typical applications / dosage

General Industry	0.1%	- 0.6%
Wood Coatings	0.1%	- 1.0%
Automotive OEM / Refinish	0.1%	- 0.6%

The additive is compatible with most solvent-borne and non-solvent coating systems independently of lacquer chemistry.

Method of addition

Dynoadd[®] F-404 is usually added in the let down stage of the formulation

Solubility

Dynoadd[®] F-404 is completely soluble in solvents like aromatic hydrocarbons, glycol ethers, esters and alcohols. It has a limited solubility in aliphatic hydrocarbons and is not soluble in water.

Delivery form

Polymers (50%) dissolved in DPM (dipropyleneglycol monomethylether).

Technical data

Parameter	Typical value	Method
Appearance	CLEAR LIQUID	Subjective
Non-volatile solids %	50	150°C, 20 min.
Viscosity mPa.s. 23°C	50	DIN 53019
Refractive Index nD20	1.442	ISO 5661
Specific gravity 25/4°C	0.987	ISO 15212-1

Regulatory status

EU-REACH-Dynoadd F-404 is EU-Reach compliant

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

Storage stability

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

Packaging

Material	Type	Kg Net	Item no.
PE	IBC	805	F120820
Steel	Drum	200	F120858
Steel	Pail	25	F120870