



INDUSTRIAL  
COATINGS  
ADDITIVES

***dynoadd***<sup>®</sup>  
by dynea

Dynoadd F-461  
Polysiloxane  
wetting agent

Polysiloxane  
wetting agent

Dynoadd F-461

Dynea AS  
PO Box 160,  
2001 Lillestrøm, Norway

Phone: +47 63897100  
Email: [dynoadd@dynea.com](mailto:dynoadd@dynea.com)  
Web: [www.dynoadd.com](http://www.dynoadd.com)  
Dynea Leaflet-v1.0



dynea<sup>®</sup>

*A Different  
Approach*

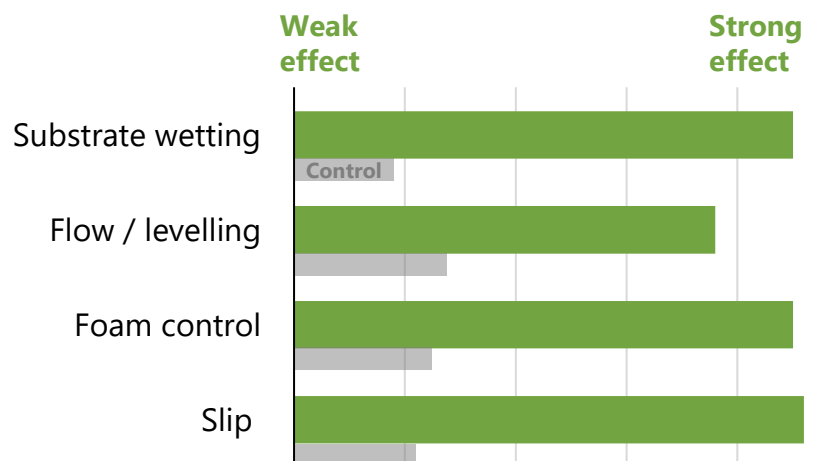
# Dynoadd F-461

Modified polysiloxane wetting agent

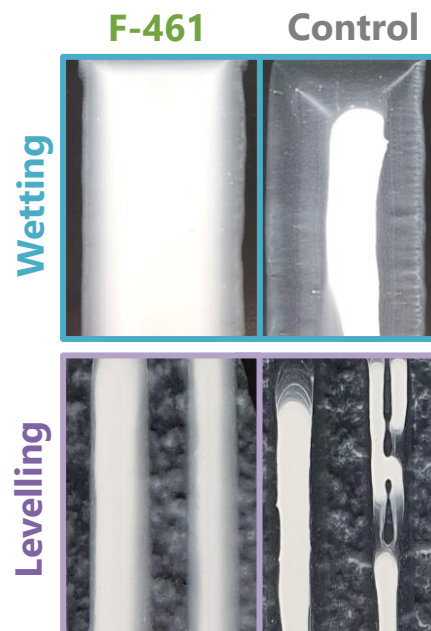
## Benefits

- ✓ **Substrate wetting**
- ✓ **Low foam formation**
- ✓ **Improves flow and levelling**
- ✓ **High surface slip**

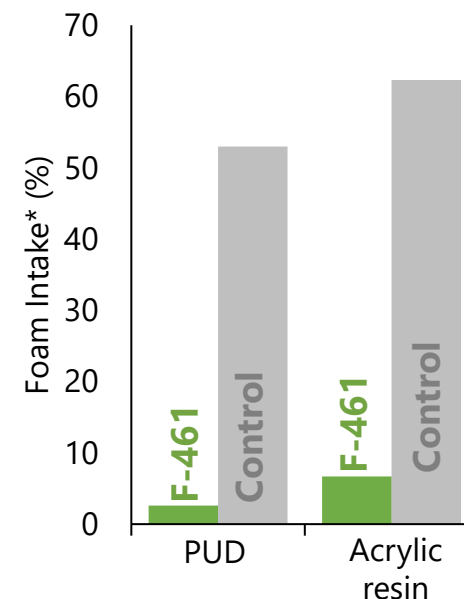
Dynoadd F-461, developed by Dynea, is a polyether polysiloxane wetting, levelling, and slip additive for water-borne formulations. The product lowers surface tension and prevents defects on the film surface. Dynoadd F-461 also gives a significant reduction in foam formation. Surface slip is improved considerably giving improved scratch and mar resistance. Dynoadd F-461 is a wetting additive providing an optimal all-round balance of properties and benefits.



## Improved Performance



Pigmented PUD formulation.  
Wetting - 150  $\mu$ m films.  
Levelling - Standard blade test.



### Low foam formation

\*0,15% wt. in resin. Measured after stirring at 5000 rpm for 2 min.

## Applications

Dynoadd F-461 – gives an optimal balance of properties in both one and two component water-borne, solvent-borne, and solvent-free formulations for wood and direct to metal coatings based on:

- Acrylic resins
- PUDs
- Epoxy