

PRODUCT CODES: ELADD 001

NAME: Water Based Thickener

DESCRIPTION: ELADD 001 is a low-medium shear thickener designed to be post-added to Envirolak coatings to increase the viscosity. This can be used to improve sag resistance for vertical spray applications.

USES: Add to an existing Envirolak finish to increase application viscosity. Also use ELADD 001 in clearcoats that have been tinted to dark colours to maintain the initial viscosity of the product for consistent application.

PRODUCT PREPARATION: **THIS PRODUCT SHOULD BE ADDED TO YOUR COATINGS UNDER MECHANICAL AGITATION AND MIXED FOR SEVERAL MINUTES TO ENSURE A SMOOTH FILM. Mixing by hand is possible, but will require a great deal of stirring and if not done properly will result in seeding (bumps) in the film.**

RECOMMENDED USAGE LEVELS	ELPR170 (PR170-TB or PR180):	0.10-0.50% by wt. max 30g/GA (1 fl oz or 30mL)
	EL100XX:	0.10-0.50% by wt. max 20g/GA (0.66 fl oz or 20 mL)
	ELNYW 200XX:	0.10-0.50% by wt. max 20g/GA (0.66 fl oz or 20 mL)
	ELNYC 300XX:	0.25-1.0% by wt. max 40g/GA (1.33 fl oz or 40 mL)
	ELACW 400XX:	0.10-0.50% by wt. max 20g/GA (0.66 fl oz or 20 mL)
	ELAC 500XX:	0.25-1.0% by wt. max 40g/GA (1.33 fl oz or 40 mL)

Usage Levels for Dark Colours:

When tinting ELNYC 300XX and ELAC 500XX series coatings to dark colours, it is recommended to add ELADD 001 at a ratio of 10% of your tint-load in order to maintain the initial viscosity and application characteristics of the coating.

For example, you add 120 grams of colourant to a gallon of clear to create a dark colour. You should add 10% (12 grams) of thickener to restore the initial viscosity.

Envirolak

Technical Data Sheet
ELADD 001
Revision Date: 11/03/2020

**PHYSICAL
PROPERTIES:**

Specific Gravity:	1.04 +/-2%
Viscosity:	Viscous (~3500 cps)
Solids Content:	21%
Pot Life:	None
Flash Point:	NA
VOC's:	0

**GENERAL
INFORMATION:**

Please follow all other recommended application methods for the associated product you are using ELADD001 in.

Note: You should have a reason for adding thickener to your product that is better than "because I like thick paint" when using this additive. Use only what is needed to achieve your desired thickness, excess thickener can increase the chance for poor flow (orange peel) or trapped air.

These products are designed for industrial use only. Please refer to the Safety Data Sheet prior to use.

SHELF LIFE:

12 months in unopened containers.

STORAGE:

Store in a tightly closed container at room temperature (18-25°C/64-75°F) and protect from direct sunlight and foreign material.

Disclaimer: Every reasonable precaution is taken in the manufacture of our products to ensure that they comply with our standards. The information given herein is correct to the best of our knowledge. Any suggestions made by us covering the use of our products are based on experience and/or tests believed to be reliable. However, because the use of any product of our manufacture is completely beyond our control, including for example, the method and conditions of application, no guarantee or warranty, expressed or implied, is made. Manufacturer's maximum liability shall be to replace such quantity of product determined by our laboratory to be defective. User shall determine the suitability of the product for his intended use and assumes all risk and liability in connection therewith.