

# Flattening Agent FA777

Endura FA777, is a highly concentrated liquid flattening agent for Endura EX-2C polyurethane topcoat. Original topcoat gloss is reduced based upon the amount of additive used. The finished gloss reflectance can be varied from semi gloss to matte.

### Product Features

- ◆ Reduced reflectance
- ◆ Easy to measure and mix
- ◆ Does not significantly affect viscosity
- ◆ Allows for custom gloss reduction
- ◆ Does not water spot after 18 hour cure

### Theoretical Solids Content:

Volume: 27% ±1%

### Shelf Life\*

Single component: (1) year

\*For unopened product.

### Safety

Refer to MSDS before use. All safety guidelines must be followed during the handling, installation and cure of these materials.



## Surface Preparation

Surface must be prepared with appropriate Endura products.



## Mixing Ratio

FA777 must be added after A&B components have been mixed. This addition will cause the clear topcoat to turn somewhat opaque. FA777 must be mixed in the same proportions for each batch. Inconsistent measuring will result in gloss variation between batches. Mixing ratio depends upon topcoat used.

## Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be between 20°C-25°C\* (68°F-77°F). To prevent condensation during application the surface temperature must be 3°C (5°F) or more above the dew point at all times. \*for use outside this range please contact your Endura representative.

## Endura Gloss and Sheen Standard

	Gloss	At 60 Degrees
Level 1	Matte	0-10
Level 2	Egg-shell	10-25
Level 3	Satin	25-35
Level 4	Semi-gloss	35-70
Level 5	Gloss	70-85
Level 6	High Gloss	85+

## Mixing Table

Endura FA777 was tested by changing the ratio of EX-2C Topcoat (clear, black 160, white 120). Their glosses at 60 degrees were reduced by increasing the amount of FA777.

Volume ratio with EX-2C Part A : Part B : FA777	Clear 100	Black 160	White 120
100 : 100: 50	Gloss	Gloss	Semi-Gloss
100 : 100: 60	Gloss	Gloss	Semi-Gloss
100 : 100: 70	Semi-Gloss	Semi-Gloss	Satin
100 : 100: 80	Egg-shell	Egg-shell	Matte
100 : 100: 90	Matte	Matte	Matte
100 : 100: 100	Matte	N/A	N/A



## Clean Up

Endura high strength gun wash, Endura epoxy reducer or Endura EX-2C thinner.

**DO NOT** apply over nitrocellulose putties or nitrocellulose lacquer primer/surfacers. Blistering will result.