

Flattening Agent FA777

Technical Data Sheet (TDS)

Product Description

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 Med Gloss to No Gloss.

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

Surface Preparation

Surface must be prepared with appropriate Endura products.

Product Characteristics

Volume Solids: 27% ± 1%

Shelf Life Single Component*: 1 Year

*For unopened product

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 & Sheen Standard

Gloss	At 60 Degrees
Level 1 No Gloss	0-10
Level 2 Low Gloss	10-20
Level 3 Med Gloss	35-45

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.

The amount of pigment in a formula will affect the gloss and will require a different mix ratio of the FA777 to achieve the different gloss levels. Please see the chart below for more information.

Volume ratio with EX-2C Part A : Part B: FA777	Clear 100 (No pigment)	Black 160 (Low Pigment)	White 120 (High Pigment)
100 : 100: 60	N/A	N/A	Med Gloss
100 : 100: 70	Med Gloss	Med Gloss	N/A
100 : 100: 75	N/A	N/A	Low Gloss
100 : 100: 80	Low Gloss	Low Gloss	N/A
100 : 100: 90	No Gloss	No Gloss	No Gloss
100 : 100: 100	No Gloss	N/A	N/A

Ordering Information (sizing)

Available in Pints, Quarts and Gallons. Other custom sizes may be available.

Pint [FAD0002-010]

Quart [FAD0002-020]

Gallon [FAD0002-030]

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at www.endura.ca.