

FA777 Flattening Agent

Technical Data Sheet (TDS)

Product Description

FA777 Flattening Agent is a highly concentrated, liquid flattening agent for use in reducing the gloss levels of Endura polyurethane topcoats. The gloss level can be varied from Medium 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

Recommended Uses

FA777 Flattening Agent is suitable for use in the following Endura Topcoats.

- EX-2C Topcoat
- EX-2C Low VOC Topcoat
- EX-2C C.C. Topcoat
- EX-2C T2FK Topcoat
- EX-2C T2FK Low VOC Topcoat
- EX-2C Clear 100
- EX-2C Clear 221
- EX-2C Midcoat Clear 100
- Clarity Clear
- Excel D2M & D2M HS
- G90 Low VOC Topcoat
- UltraFlex Topcoat
- UltraFlex Low VOC Topcoat
- Kappa Clear Fast & Slow
- Polyglass Edge

FA777 Flattening Agent is not intended for use with any other products.

Product Characteristics

Specific Gravity: (77°F (25°C) and 50% RH)	0.945
Shelf Life:	
FA777 Flattening Agent	1 year
For unopened product (77°F (25°C))	

Mixing Ratio

Endura Gloss Standards:

Gloss	At 60 Degrees
Level 1 No Gloss	0-5
Level 2 Lo Gloss	10-20
Level 3 Med Gloss	40-50

The following mixing ratio table applies to all the Endura polyurethane topcoats listed and should only act as a guide:

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.

The mixing chart below should be used as a guide to achieve the desired gloss.

Volume ratio with EX-2C Part A : Part B: FA777	Clear 100 FUA0100 No Pigment	Black 160 FUA 0160 Low Pigment	White 120 FUA0120 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

FA777 must be added after A&B components have been mixed.

Addition of FA777 will cause clear topcoats to turn somewhat opaque.

FA777 Flattening Agent

Technical Data Sheet (TDS)

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.

Dry Times

The use of FA777 will not affect the topcoat re-coat window.

Note: The recoat window is subject to ambient conditions (temperature and humidity) and good airflow and film build of the topcoat.

Ordering Information (sizing)

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

Pint (473 ml)	
FA777	FAD0002-010

Quart (946 ml)	
FA777	FAD0002-020

Gallon (3.78 L)	
FA777	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.endurapaint.com.