

Retarder

Technical Data Sheet (TDS)

Product Description

Retarder is an additive for use in high temperature, high humidity conditions. Retarder slows the reaction between component A and component B of Endura Polyurethane Topcoats.

Product features:

- Helps prevent solvent popping
- Helps to extend wet film time
- Helps achieve dry spray acceptance

Recommended Uses

Retarder is for use when temperatures are above 75°F (24°C), high humidity periods when the RH is above 85% and/or windy conditions.

Retarder 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
- EX-2C Clear 116 MG
- EX-2C Clear 117 LG
- EX-2C Clear 118 NG
- Clarity Clear
- Excel D2M & D2M HS
- G90 Low VOC Topcoat
- UltraFlex Topcoat
- UltraFlex Low VOC Topcoat
- Kappa Clear Fast & Slow
- Polyglass Edge

Retarder is not intended for use with any other products.

Product Characteristics

Specific Gravity: (77°F (25°C) and 50% RH)	1.221
Shelf Life:	
Retarder	3 years
For unopened product (77°F (25°C))	

Mixing Ratio

The following mixing ratio applies to all of the Endura polyurethane topcoats listed:

Retarder	0.70 - 1.70 Fluid oz. (20 - 50 ml)
INTO	
Endura Topcoat	1 mixed Quart (946 ml)
Retarder must only be added in the recommended ratios to the mixed product.	

Excessive or improper use of Retarder may cause coating issues including, but not limited to:

- Slow cure
- Delamination

Dry Times

The use of Retarder will increase the topcoat recoat window.

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

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Ordering Information (sizing)

Available in Pint, Quart and Gallon Bottles
Other custom sizes may be available.

Pint (473 ml)	
Retarder	FAD0060-010

Quart (946 ml)	
Retarder	FAD0060-020

Gallon (3.78 L)	
Retarder	FAD0060-030

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.