

DIAMOND FLEET COATING SYSTEMS

4:1 ACRYLIC URETHANE CLEAR TECHNICAL DATA SHEET

PRODUCT FEATURES

- 3 to 5 minutes dust-free time
- Buff and deliver the same day
- Excellent multipurpose clear
- Exceptional long-term durability
- Compatible with any major basecoat/clearcoat system

DESCRIPTION

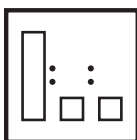
DIAMOND FLEET 4:1 CLEAR is a premium quality, acrylic urethane clear that is designed to be used when fast dry times are needed, yet versatile enough to be used in overall applications. It is specially formulated to meet the toughest VOC regulations. With a VOC less than 2.1, DIAMOND FLEET 4:1 CLEAR has one of the fastest dry times and clear color of any 2.1 VOC clear on the market. High gloss finishes with no dieback when used as directed are just a few of the benefits you will get when using this product. DIAMOND FLEET 4:1 CLEAR IS NOT TO BE USED OVER OEM OR REFINISH LACQUER.



AVAILABILITY

CLEAR (PART A)		Unit	PER CASE
DF-210-1	4:1 Clear	Gallon	2
ACTIVATOR (PART S)		Unit	PER CASE
DF-217-4	4:1 CLEAR FAST ACTIVATOR	Quart	4
DF-218-4	4:1 CLEAR MEDIUM ACTIVATOR	Quart	4
DF-219-4	4:1 CLEAR SLOW ACTIVATOR	Quart	4

MIX RATIO



1 Part	DF-210-1	4:1 CLEAR
4 Parts	DF-217-4	4:1 CLEAR FAST ACTIVATOR
	DF-218-4	4:1 CLEAR MED. ACTIVATOR
	DF-219-4	4:1 CLEAR SLOW ACTIVATOR

NOTE: Select activator to match the shop conditions and job being preformed. Up to 15% of Diamond Fleet urethane reducer can be added to improve flow.

SHOP CONDITIONS

For maximum performance, vehicle should be kept above 70°F. Temperatures below 60°F will severely retard dry times and through cure.

SURFACE PREPARATION



For use with Diamond Fleet Basecoats, allow basecoat to dry 30 to 45 minutes before clear coating. (Dry Times are dependent of shop temperature and humidity). When using Diamond Fleet 4:1 Clear on other basecoats, follow all procedures from your basecoat manufacturer for surface preparation, dry and recoat times. DO NOT DEVIATE FROM THESE RECOMMENDATIONS.

SPRAY GUN SETUP



Follow the spray gun manufacturers recommendation for proper setup.

APPLICATION



Apply 2 to 3 medium wet coats from a distance of 6 to 8 inches; allow coats to become hand slick (approx. 10 to 15 minutes) before applying the next coat. Apply all coats within 1-1/2 hour. If sanding and buffing, 3 coats of clear must be applied for long term durability.

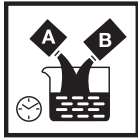
DRY TIMES AT 70°F



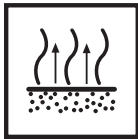
POT LIFE: 4 Hours
 FLASH 10-15 Minutes



FORCE DRY: Flash 10 minutes, bake @ 140°F for 30 minutes. Use only the slow activator when force drying. Allowing surface to cool down to room temperature before sanding and buffing.



DUST FREE TIME: 3-5 Minutes
 SAND AND BUFF: 8-10 Hours



GENERAL CONDITIONS

- Always consider the following when choosing an activator: the size of the vehicle (is it a bus or a fender?), the temperature, humidity and air movement.
- Do not combine slow reducers with fast activators; this combination may cause solvent pop.

EQUIPMENT CLEANING

Clean equipment with an appropriate solvent. Refer to applicable Air Quality Management District requirements for proper use of equipment and solvents.

PRODUCT SAFETY INFORMATION



Before using any Diamond Fleet product, be sure to read all safety directions and warnings. Wear properly fitted air purifying respirator, eye protection, gloves, and protective clothing during application and until all vapors and spray mists are exhausted. When mixed, also contains Isocyanate. Do not permit anyone without protection in the painting area. **FOR USE ONLY BY TRAINED PROFESSIONALS.** Not for sale to or use by the general public. For more information CONSULT SAFETY DATA SHEET.

OTHER INFORMATION

Moisture and humidity adversely affects clear coat products. Equipment should be clean and dry before use. Close containers immediately after use. Keep containers tightly sealed.