

# ARMPOLY85-CM

## 85% SOLIDS POLYASPARTIC COATING (CLEAR)

### PRODUCT DESCRIPTION

ARMPOLY85-CM is a two component, 85% solids, V.O.C compliant, aliphatic polyaspartic polyurea that was developed for UV stable floor topcoats. It provides outstanding appearance, superior chemical, UV, and solvent resistance and exhibits excellent physical properties.

**RECOMMENDED FOR:** Recommended areas where a thin/medium build clear coat is desired and installation downtime is very limited. Can also be used in a full broadcast fleck system where downtime is limited.

### CHEMICAL AND PHYSICAL ANALYSIS

<b>SHELF LIFE</b>	<b>12 MONTHS</b>
<b>MIX RATIO</b>	<b>1 PART A TO 1 PART B</b>
<b>POT LIFE</b>	<b>5-10 MINUTES @ 77°F</b>
<b>SOLIDS BY WEIGHT</b>	<b>83%</b>
<b>SOLIDS BY VOLUME</b>	<b>85%</b>
<b>PACKAGING</b>	<b>2 GAL KITS. 1 GAL A, 1 GAL B</b>
<b>COLORS</b>	<b>CLEAR - PIGMENT PACKS</b>
-	<b>AVAILABLE UPON REQUEST</b>
<b>RECOMMENDED THICKNESS</b>	<b>5-10 MILS PER COAT</b>
<b>COVERAGE</b>	<b>150 SF PER GALLON @ 10 MILS</b>
-	<b>350 SF PER GALLON @ 5 MILS</b>
<b>CURE SCHEDULE</b>	-
<b>TACK FREE</b>	<b>4-6 HOURS</b>
<b>RECOAT TIME</b>	<b>3-6 HOURS</b>
<b>FOOT TRAFFIC</b>	<b>12-24 HOURS</b>
<b>HEAVY EQUIPMENT TRAFFIC</b>	<b>&gt;48 HOURS</b>
<b>TABER ABRASER CS-17 WHEEL/ 1000G (2.2 LBS.)/1000 CYCLES</b>	<b>30 MG LOSS</b>
-	-
<b>WATER ABSORPTION, ASTM D570</b>	<b>0.2%</b>
<b>HARDNESS (SHORE D), ASTM D2240</b>	<b>75-78</b>
<b>FLEXIBILITY, 1/8" MANDREL, ASTM D1737</b>	<b>PASS</b>
-	-
<b>FALLING SANS ABRASION RESISTANCE (L SAND / 1 DRY MIL), ASTM D968</b>	<b>45</b>
<b>GLOSS, ASTM D523</b>	<b>95+</b>
<b>TENSILE STRENGTH, ASTM D638</b>	<b>6500-7500 PSI</b>
<b>COMPRESSIVE STRENGTH (PSI MPA) ASTM D695</b>	<b>9500</b>
-	-
<b>ELONGATION AT BREAK, ASTM D638</b>	<b>100%</b>
<b>TEAR STRENGTH (PLI), ASTM D2240</b>	<b>350</b>
<b>VOC</b>	<b>0 G/L</b>

CURE SCHEDULE TIMES ARE APPROXIMATE AND WILL BE AFFECTED BY TEMPERATURE CONDITIONS AND RELATIVE HUMIDITY

### FEATURES

Short working time of <15 minutes // Displays fast cure times with excellent adhesion // Superior chemical resistance // Superior weather and abrasion resistance // Non yellowing and good gloss retention // Easy to mix 1:1 ratio by volume // Emits virtually no odors and can be applied indoors // Excellent adhesive properties, allowing application on other firm and hard coating as well as a good bond to the substrate // V.O.C compliant in all 50 states and in Canada

### COMPOSITION

85% solids, V.O.C compliant, aliphatic polyaspartic polyurea developed to act as a UV Stable topcoat.

### PACKAGING

Sold in 2 Gal Kits consisting of 1 Gal of Part A and 1 Gal of Part B. (CLEAR)

### COLOR

Available in Clear. Color pigment packs can be added for color. Consult your sales representative on available colors.

### ADVANTAGES



UV Stable



Can be used on Low Temp Equipment



Tintable



Virtually No Odor



Quick Drying

### APPLICATIONS



Marine Protection (Fiberglass, Steel)



Concrete, Wood, Masonry



Airplane Hangers



Warehouse Facilities



Auto Body Shops



Garage Flooring



Car Wash



Waste Facilities



Indoor Basements



Food Processing Facilities

### Restrictions

Minimum/Maximum temperature of substrate: 42 °F / 86 °F

Maximum relative humidity during application and curing: 85 %.

Substrate temperature must be 5.5 ° F above dew point measured.

Humidity content of substrate must be <4% when coating is applied.

Do not apply on porous surfaces where a transfer of humidity may occur during application.

Protect from humidity, condensation and contact with water during the 24-hour initial curing period