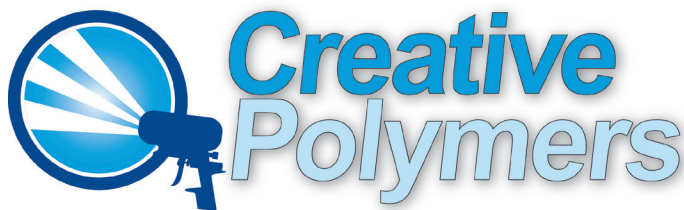


DECK ARMOR 300

POLYURETHANE ELASTOMER



DESCRIPTION

DECK ARMOR 300 is a solventless flexible polyurethane elastomer that is designed as a base coating for the DECK ARMOR LP (low profile) - POLYSOFT Decorative plastic bead decking system. The DECK ARMOR 300 is a tough durable elastomer that has been designed to retain its properties in both dry and wet pool immersion applications. The DECK ARMOR LP system is installed by rolling out a thin layer of the DECK ARMOR 300 to the concrete or approved surface and then over saturating with POLYSOFT round decorative plastic beads granules. The system is then typically topcoated with a final clear aliphatic polyurethane such as DECK ARMOR 2505 clear.

TYPICAL USES & APPLICATIONS

- Base Coat for DECK ARMOR LP- POLYSOFT system
- Decorative decking coating
- Flexible fountain liner
- Water Proofing System

ADVANTAGES

- 100% Solids,, Meets VOC Regulations
- Flexible
- 1:1 mix ratio
- Plural equipment not required
- Outstanding waterproofing properties
- Thermal shock resistant for freeze/thaw cycles
- Odorless, No Toxic Vapors

PACKAGING

CONTAINER NAME	CONTAINER SIZE	KIT WEIGHT
2 Gallon Kit	Component A - 1 Gallon Component B - 1 Gallons	25 lbs
10 Gallon Kit	Component A - 5 Gallons Component B - 5 Gallons	125 lbs

POT LIFE

40-45 min @ 70° F

PHYSICAL DATA

Properties	Specifications
Solids By Volume	100%
Theoretical Coverage	1604 mil ft ² /gal
Volatile Organic Compounds	0 lbs / gal (0 gm/L)
Recommended DFT	40-80 mils
Number of Coats	1 or more
Mix Ratio A:B	1A: 1B
Shelf Life	12 months
Color	Tan, Green, Blue
Flash Point - PMCC	>250° F (121° C)
Viscosity- LV4/60 RPM	
Component A	1000 cps
Component B	800 cps

SPECIFICATION DATA

Tensile Strength [ASTM D 412]	1500 - 2000 psi
Elongation [ASTM D 412]	100 - 120%
Hardness [ASTM D 2240]	80 Shore A

Dry to Touch 4-4.5 hrs @ 70° F

Cure to handle 8-10 hrs @70° F

PRIMERS & TOP COATS

Use URE-PRIME 1305 as a primer for metal, concrete, metal and fiberglass.

CURE TIMES

Temperature	70-89 ° F
Surface Dry To Touch	4-4.5 hours
Cure to Handle	8 -1 0 hours
Recoat (Min)	Not Recommended
Recoat (Max)	Not Recommended
Full Cure	72 hours

SURFACE PREPARATION

Surface must be clean of all oil grease and other contaminants

MIXING

The component “A” does not require any mixing. The component “B” requires mixing daily.

APPLICATION INFORMATION

	Material	Surface	Ambient
Minimum	60 ° F	60 ° F	60 ° F
Maximum	120 ° F	120 ° F	120 ° F

CLEAN UP/DISPOSAL

Each material should be properly resealed. Dispose of any unused coatings with respect to local, state and federal law

STORAGE

Materials should be stored in a dry, enclosed environment. Store containers in a dry location at 60 °

SAFETY & HANDLING

MSDS will be mailed with order. All personnel should read and understand the safety recommendations All application personnel must use fresh air respirators or fresh air hoods. Protective clothing is recommended including gloves and eye protection. Make sure that all adequate air exchange and ventilation is available in enclosed areas. Fumes or skin contact may cause severe allergic reaction. This product is for industrial use by trained professional applicators and should be kept away from children at all time

DISCLAIMER

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets before applying material. Published technical data and instructions are subject to change without notice. Contact a Creative Polymers representative or visit our website for current technical data and instructions.

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