



Revised: 5/2016

AP-6200 ALIPHATIC URETHANE

PRODUCT DESCRIPTION

ARMOUR PROOF AP-6200 is a two-component aliphatic polyester polyurethane sealer. This unique coating offers excellent chemical resistance, flexibility, weathering and UV stability. **AP-6200** is recommended for areas on a roof where other products do not perform well and deteriorate when exposed to chemicals.

TECHNICAL DATA

TOTAL SOLIDS BY WEIGHT:	78% ± 2% mixed
TOTAL SOLIDS BY VOLUME:	77% ± 2% mixed
VOC CONTENT:	1.9 lbs/gal part A, 2.2 lbs/gal part B
MIX RATIO:	2 parts A to 1 part B by volume
FINISH CHARACTERISTICS:	High-gloss (>80 at 60° @ Erichsen glossmeter)
IMPACT RESISTANCE:	Gardner Impact, direct and reverse = 160 in/lb (passed)
ABRASION RESISTANCE:	Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 45.0 mg loss
FLEXIBILITY:	No cracks on 1/8" mandrel
CLEAN UP / THINNER:	Ketone solvents
SHELF LIFE:	12 months @ 40° -90° F
VISCOSITY:	1000-3000 cps mixed
COLOR:	Clear
PACKAGING:	3-Gallon Kit

CHEMICAL RESISTANCE

REAGENT	RATING
Acetic Acid	B – 2 hour term splash spill
Xylene	C – 8 hour term splash spill
MEK	A – Not recommended
Methyl Alcohol	B – 2 hour term splash spill
Gasoline	C – 8 hour term splash spill
10% Sodium Hydroxide	E – Long term immersion
50% Sodium Hydroxide	D – 72 hour immersion
10% Sulfuric	D – 72 hour immersion
10% Hydrochloric Acid	C – 8 hour term splash spill
20% Nitric Acid	B – 2 hour term splash spill
Ethylene Glycol	C – 8 hour term splash spill
Please call Armour Proof Coatings for other chemical resistance information	

COVERAGE AND DRYING TIME

Apply **AP-6200** at a rate of 350 square feet per gallon @ 5 mils wet thickness, according to the substrate and condition.
Pot Life: 2-4 hours, Tack Free: 5-6 hours, Recoat: 8-12 hours, Light Foot Traffic: 16 hours, Full Cure: 3-5 days

PREPARATION OF SUBSTRATE

Surface must be pressure washed clean, free of all loose particles, dirt debris and other contaminants that could inhibit adhesion. Substrate must be completely dry. Refer to the Armour Proof Coatings Specification for detailed instructions on how to prepare the specific substrate.

APPLICATION

Application temperature should be between 45° -90° F. This product is a two-to-one mix, adding 1 gallon of Part B to 2 gallons of Part A. Once combined, mix well with a slow speed jiffy mixer until thoroughly mixed and streak free. Avoid whipping air into the coating. Improper mixing may cause product failure. Apply **AP-6200** by brush or 3/8" nap roller. Too thick of an application may result in product failure. Exposure to sodium vapor lights may cause discoloration. Colder temperatures will require more cure time before recoating. When applying multiple coats, inspect the coating for contaminants and remove with detergent cleaner. When recoating, it is recommended to apply with before 24 hours passes.

LIMITATIONS AND PRECAUTIONS

Do not apply **AP-6200** when ambient air and substrate temperatures fall below 45° F, or if inclement weather is forecasted. Do not apply if ambient temperature will drop below 32° F or dew will settle before coating is allowed to dry. Substrate temperature must be 5° F above dew point. Do not store sealed containers in prolonged sunlight. **PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE.** Do not store material at temperatures below 45° F. It will freeze and become unusable at temperatures below 32° F.

WARRANTY

This product will perform as claimed if directions are followed. Armour Proof Coatings cannot control conditions of application and substrate, or methods used. This warranty is limited to replacement of the defective material used, and does not include labor or labor costs.

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