



AP-6100 Modified Liquid Rubber

Product Description

ARMOUR PROOF AP-6100 is a single-component, thermoplastic rubber coating formulated for protecting metal, wood, EPDM, APP, TPO and Hypalon. AP-6100 provides a waterproof, durable, seamless flexible weather resistant membrane with excellent elongation, tensile strength, UV protection and resists ponding water.

APPLICATION

Apply by brush, medium nap roller or airless sprayer.
 Airless spray: Minimum pump pressure 3000 - 4000 psi
 Tip Size: .033"-.045"
 Hose: Use 3/8" up to 100', from 100' to 200' use 1/2" or larger

COVERAGE AND DRYING TIME

Apply AP-6100 by brush, 3/8" nap roller or airless sprayer, at a rate of 1.25 gallons per 100 square feet, according to the substrate and condition. Two coats are recommended. Back rolling may be necessary to prevent pinholes. A minimum of 16-17 mils DFT is recommended to achieve optimal performance of the coating. Dry time is 2-6 hours. Cure time is 24-48 hours.

PREPARATION OF SUBSTRATE

Surface must be pressure washed clean, free of all loose particles, dirt debris and other contaminants that could inhibit adhesion. Wire brushing may be recommended in addition to pressure washing the surface. The surface must be completely dry to prevent blistering of the product. Refer to the Armour Proof Coatings Specification for detailed instructions on how to prepare the specific substrate.

LIMITATIONS AND PRECAUTIONS

Do not apply when temperature is below 40° F during application or drying time. Apply product when relative humidity is below 90° F. Allow for adequate dry times between coats and inclement weather. Higher humidity or lower temperatures will slow down dry times.

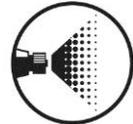
WARRANTY

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 or refund value of the defective material used, and does not include labor or labor costs.

Available in the following sizes:



Tools needed



Technical Data

TOTAL SOLIDS BY WEIGHT:

60% ± 3%

TOTAL SOLIDS BY VOLUME:

52% ± 3%

VISCOSITY:

5000-10000 cps

DENSITY:

Mean = 9.85 lb/gallon ASTM D-1475

PARTICLE SIZE:

<38 microns ASTM D-1218

VOC CONTENT:

3.84 lb/gallon

HEAT STABILITY:

Material stable for 10 days at 120° F then re-evaluated

FLASH POINT:

105° F

HARDNESS:

50-60 Shore A

ACCELERATED WEATHERING:

No degradation ASTM G53

TENSILE STRENGTH:

1000 psi ASTM D-412

ELONGATION:

500% ASTM D-412

REFLECTIVITY:

90% White

WATER ABSORPTION:

0.04%

VAPOR TRANSMISSION:

0.025 perms

SHELF LIFE:

12 months @ 40° - 90° F

COLOR:

White