



Revised: 03.01.23

# AP-3100 100% Acrylic Base Coat

## PRODUCT DESCRIPTION

**Armour Proof AP-3100 Acrylic Base Coating** is a 100% acrylic elastomeric base coating designed for protecting a wide variety of substrates including metal, asphalt, primed wood, concrete, BUR, most single-ply membranes and spray polyurethane foam. Once cured, **AP-3100** provides a waterproof, durable, seamless, flexible weather resistant layer of protection. **AP-3100** must be covered with an Armour Proof, protective finish coat.

## TECHNICAL DATA

<b>TOTAL SOLIDS BY WEIGHT</b> .....	74% ± 2
<b>TOTAL SOLIDS BY VOLUME</b> .....	59% ± 2
<b>WEIGHT PER GALLON</b> .....	11.9 ± .2 lbs. per gallon
<b>VISCOSITY</b> .....	125 ± 5 KU
<b>TENSILE STRENGTH</b> .....	270.9 psi
<b>ELONGATION</b> .....	333%
<b>PERMEABILITY</b> .....	8.9 perms
<b>WATER SWELLING</b> .....	15.08%
<b>TEAR RESISTANCE</b> .....	104.3 in/lb
<b>LOW TEMPERATURE FLEXIBILITY</b> .....	Passes
<b>SERVICE TEMPERATURE</b> .....	-40° to 200° F
<b>CLEAN UP</b> .....	Soap and Water
<b>SHelf LIFE</b> .....	12 months @ 40° - 90° F
<b>COLOR</b> .....	Gray ●
<b>PACKAGING</b> .....	1 and 5-Gallon Pail

## APPLICATION

Apply by brush, medium nap roller or airless sprayer.  
 Airless spray: Minimum pump pressure 3000 psi  
 Tip Size: .027”-.039” (.031” recommended)  
 Hose: Use 3/8” up to 100’, from 100’ to 200’ use ½” or larger

## COVERAGE AND DRYING TIME

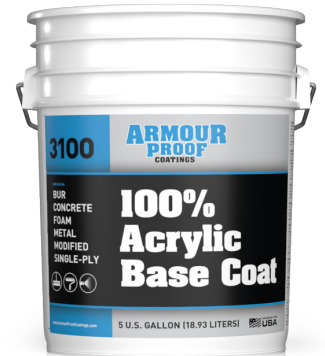
Apply **AP-3100** at a minimum rate of 1 to 1.25 gallons per 100 square feet per coat, according to the substrate and condition. Two coats are recommended. Prepare all seams, penetrations and other flashing details with **AP-3100** and **AP-8100 Series Polyester** reinforcement. A minimum of 16 mils DFT is recommended to achieve optimal performance of the coating. Normal drying time is 2-4 hours. Armour Proof Coatings recommends applying **AP-3100** by airless spray in multiple coats in a crosshatch pattern. This will avoid pinholes and ensure a uniform film build. Backrolling may be necessary. Refer to the Armour Proof Coatings Specification for detailed instructions.

## PREPARATION OF SUBSTRATE

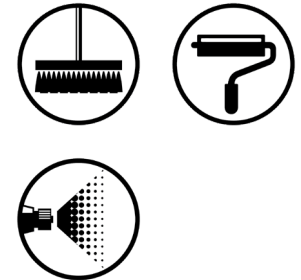
Surface must be pressure washed clean, free of all loose particles, dirt debris and other contaminants that could inhibit adhesion. An Armour Proof primer may be required for the particular substrate. Refer to the Armour Proof Coatings Specification for detailed instructions on how to prepare the specific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

## LIMITATIONS AND PRECAUTIONS

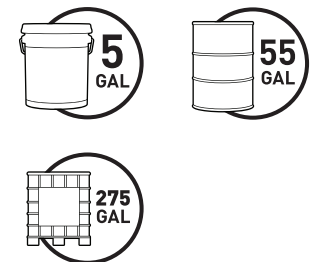
**AP-3100** is a water-based elastomeric acrylic coating and is not freeze-thaw stable. Do not apply **AP-3100** when ambient air and substrate temperatures fall below 50° F, or if inclement weather is forecasted. Do not apply over wet substrates or in inclement weather. Do not apply if ambient temperature will drop below 32° F in a 24-hour period or dew will settle before coating is allowed to dry. Do not store sealed containers in prolonged sunlight. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 45° F as it will freeze and may become unusable at temperatures below 32° F.



## TOOLS NEEDED ▾



## PACKAGING SIZES ▾



## 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.

## LEARN MORE ↴

[UnitedAsphalt.com/AP3100](http://UnitedAsphalt.com/AP3100)