



## AP-7100 Acrylic Wall Coating

### Product Description

ARMOUR PROOF AP-7100 is a 100% acrylic elastomeric finish coat designed for protecting a wide variety of substrates, including stucco, concrete, EIFS, metal and primed wood. AP-7100 bridges hairline cracks, protecting the substrate from wind-driven rain, allowing expansion and contraction with the varying temperatures. It also allows moisture vapor from within the substrate to escape without causing blistering or peeling of the coating. Once cured, AP-7100 provides a waterproof, durable, seamless, flexible weather resistant layer of protection.

### 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 1/2" or larger

### COVERAGE AND DRYING TIME

Apply AP-7100 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. 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-7100 by airless spray in multiple coats in a crosshatch pattern. This will avoid pinholes and insure 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

ARMOUR PROOF AP-7100 is a water-based, elastomeric, acrylic coating and is not freeze-thaw stable. Do not apply AP-7100 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. It will freeze and may become unusable at temperatures below 32° F.

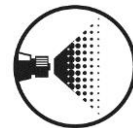
### WARRANTY

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 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:**  
74% ± 2

**TOTAL SOLIDS BY VOLUME:**  
59% ± 2

**WEIGHT PER GALLON:**  
11.9 ± .2 lbs. per gallon

**VISCOSITY:**  
127 ± 5 KU

**TENSILE STRENGTH:**  
270.9 psi

**ELONGATION:**  
333%

**PERMEABILITY:**  
32.5 perms

**WATER SWELLING:**  
15.08%

**TEAR RESISTANCE:**  
104.3 in/lb

**LOW TEMPERATURE FLEXIBILITY:**  
Passes

**SERVICE TEMPERATURE:**  
-40° to 200° F

**CLEAN UP:**  
Soap and Water

**SHELF LIFE:**  
12 months @ 40° - 90° F

**COLOR:**  
Beige, Patina Green, Tile Red, Tile Green, Brown, Black, Custom Colors