



**ADVANCED POLYMER, INC.**

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## AP-0282

AP-0282 is a self-emulsifiable, high molecular weight, elastomeric silicone additive that has been designed to form a protective barrier on porous and semiporous surfaces. AP-0282 is a clear, low VOC microemulsion that is readily reducible with water.

### CHARACTERISTICS

- Protects brick, cinder block, stucco, etc. from excessive weathering
- Water resistant - Prevents water wear
- Non-yellowing - Assures color stability
- Effective on all porous and semi-porous building materials
- Can be formulated into surface coatings/finishes

### APPLICATION & FORMULATION

#### Overcoat

- Prepare a 10% active solution by adding approx. 6.7 parts water to 3.3 parts AP-0282.
- Spray or brush onto cool, clean, dry porous or semi-porous surface.
- Allow the treated substrate to dry for 24 hours before exposing to water.
- When used on marble surfaces, buff to achieve luster.

#### Paint Formulation Addition

- Incorporate 2% to 4% on the weight of the paint formulation of AP-0282.
- Imparts water repellency and enhanced weathering properties to the finish.

### TYPICAL PROPERTIES

Appearance:	Clear liquid
Solid Content:	30%
pH:	6.9
Carrier Solvent:	Water
Volatile Organic Content:	<30 g/l
Specific Gravity (@ 25°C):	1.00

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### PERFORMANCE DATA

- A sample dilution of 6.3% AP-0282, and 92.7% water (dilution of 2% solids) was prepared and hand sprayed onto a 475 cm<sup>2</sup> area of an untreated cinder block.
- After treating the block was allowed to dry at approximately 75°F for 24 hours.
- At the end of 24 hours several drops of water were placed on the treated area and assigned a water repellent rating number at different time intervals over a period of 6 ½ hours

Following is a summary of the results:

TIME	RATING
Initial Rating	1
15 minutes	1
30 minutes	1
45 minutes	1-
60 minutes	2+
90 minutes	2
120 minutes	2-
225 minutes	5
240 minutes	5
255 minutes	5
300 minutes	6
405 minutes	7

#### Rating:

1. No Wetting.
2. No wetting, dull drops.
3. Droplet shape is poor.
4. Slight wetting, poor droplets.
5. Wetting
6. Water penetration
7. Surface is dry

### PACKAGING

AP-0282 is available in 8 oz. samples and 441-lb. drums.

### STORAGE

Protect AP-0282 from freezing. Perishable if frozen.

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#### I want to know more!

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- APS-222
- APS-328

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