

ARMOUR PROOF COATINGS

Revised: 03.01.23

AP-2400 Silicone Mastic

PRODUCT DESCRIPTION

United Asphalt's **Armour Proof AP-2400 Silicone Mastic** is a one-part, high solids, low VOC silicone elastomeric flashing mastic specifically designed for use in sealing roof penetrations, seams, curbs, flashings and other areas on the roof where water infiltration is possible. **AP-2400 Silicone Mastic** is an excellent emergency repair product that is so versatile that it can be applied to wet substrates and even underwater! It works well on roofs that were previously coated with **AP-5200 Silicone Coating**. Once cured, this liquid applied silicone mastic provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

TECHNICAL DATA

| | |
|--------------------------------|--------------------------------------|
| TOTAL SOLIDS BY VOLUME: | 95% ± 3 by volume ASTM D2697-3 |
| WEIGHT PER GALLON: | 10.7 lbs. per gallon |
| FLASH POINT: | >200° F |
| VISCOSITY: | 150,000 cps |
| TENSILE STRENGTH: | 130 |
| ELONGATION: | 275% |
| HARDNESS: | 50 ± 5 Shore A |
| PERMEABILITY: | 4.2 perms |
| SERVICE TEMPERATURE: | -25° to 175° F |
| CLEAN UP: | Solvent |
| THINNER: | Not Recommended |
| CURE TIME: | 12-18 Hours |
| TACK FREE: | 1-2 Hours |
| SHELF LIFE: | 12 months @ 50° - 85° F |
| VOC: | Less than 50 g/l |
| COLOR: | White ○ |
| PACKAGING: | 20 Ounce Sausage Tube, 1 Gallon Pail |

APPLICATION

Surface must be pressure washed clean, free of all loose particles, dirt debris and other contaminants that could inhibit adhesion. **AP-2400 Silicone Mastic** may be applied by soft brushes or trowels. For best results, ambient temperature should be between 50-90°F. Refer to the Armour Proof Coatings Specification for detailed instructions on how to prepare the specific substrate.

COVERAGE AND DRYING TIME

Apply **AP-2400** at a rate of no greater than 50 wet mils. Minimum dry mil thickness shall be above 25 mils. Coverage rates per gallon: 750 fasteners; 100 linear feet of seam at 4" wide and 40 wet mils. Normal drying time is 6 hours to touch, tack free in 8-12 hours. Higher temperatures will shorten cure and working times for proper application. Lower temperatures will lengthen the skin over, tack free and ultimate cure time. Sudden temperature declines may also result in dew formation on surfaces. For best results, relative humidity should be above 20%. Lower humidity will slow the cure time significantly.

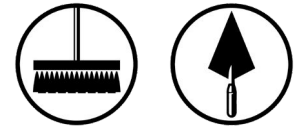
LIMITATIONS AND PRECAUTIONS

Avoid contamination in sealed containers. Store away from heat, sources of ignition and incompatibles. Use only in well ventilated areas. Do not inhale vapor or mist. Do not get on skin, in eyes or on clothing. Refer to SDS for more information. Specific to the Sausage Tube: Avoid package puncture and contamination. Store in climate controlled environment to maximize shelf life capacity. Use entire tube once opened.

LEARN MORE  [UnitedAsphalt.com/AP2400](https://www.UnitedAsphalt.com/AP2400)



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.