

A-103 Mastic

Asphaltic Acid Resistant Mastic

Specification Data Sheet



I. BASIC USES

- Pecora A-103 is an asphaltic, fibrous, chemically resistant trowel-consistency mastic. It is especially recommended as an acid-resistant coating applied between the brickwork and outer metal shell in place of hard setting cements where brickwork will be layer in acid towers.
- Pecora A-103 Mastic is also recommended as a protective media for many miscellaneous constructions where acid and caustic resistance is required.

2. MANUFACTURER

Pecora Corporation
165 Wambold Road
Harleysville, PA 19438
Phone: 215-723-6051
800-523-6688
Fax: 215-721-0286
Website: www.pecora.com

3. PRODUCT DESCRIPTION

Pecora A-103 Mastic sets up fast to a firm, but elastic film, having excellent resistance to Caustic, Concentrated Hydrochloric Acid, and Concentrated Sulfuric Acid.

Product Features:

- Good resistance to Nitric Acid at room temperatures.
- Pecora A-103 Mastic has advantages of hard drying mortars in that its flexibility decreases the stress and strain placed on the brick mortar joints on the inside of the acid tower. The shell structure of acid towers are affected by exterior temperature changes causing expansion and contraction. The brickwork is affected only slightly by these temperature variances.
- Pecora A-103 Mastic is resistant to many acids, alkalies and chemicals including the following:

- Acetic Acid
- 5% Bleach
- Boric Acid
- Caustic
- Chlorine Water
- Chromic Acid
- Concentrated Nitric Acid (below 160°F)
- Hydrochloric Acid
- Phosphoric Acid
- Sodium Chloride
- Sulphuric Acid

Product Limitations:

- Do not use A-103 Mastic in contact with Concentrated Nitric Acid at temperatures between 160° and 200°.
- Do not use A-103 Mastic on tower floors where the weight of the brickwork will actually rest on the mastic. The use of Pecora A-103 Mastic should be

confined to the side areas where it is acting as a seal, not carrying any actual weight.

4. PRECAUTIONS

Flammable. Keep away from heat and flame. Use only in well-ventilated areas. May cause respiratory tract irritation. Do not breather vapor, fumes, or dust. Use only with adequate ventilation or wear an appropriate NIOSH-approved respirator. Avoid contact and wash thoroughly after handling. Contact with hot material causes thermal burns. Wear suitable gloves. Harmful or fatal if swallowed. Refer to Material Safety Data Sheet (MSDS) for more information.

FOR PROFESSIONAL USE ONLY
KEEP OUT OF THE REACH
OF CHILDREN

PHYSICAL PROPERTIES

| | |
|-----------------|--|
| Color | Black |
| Base | Processed asphalt |
| Solids | 75% approximately |
| Drying Time | A thin skin forms in approximately ninety (90) minutes at 77°F; a 1/4" thick film will set in approximately 48 hours at 77°F |
| Flash Point | <250°F |
| Weight | 9.5 lbs. per gallon |
| Solvent | Aromatic and aliphatic |
| Softening Point | Dried mastic will soften above 200°F |
| Cleaning | Mineral spirits and/or xylol |

COVERAGE

| | |
|----------------|------------------------------|
| Film Thickness | 1/2" - 50 sq. ft. per gallon |
| | 1/6" - 25 sq. ft. per gallon |
| | 1/8" - 12 sq. ft. per gallon |
| | 1/4" - 6 sq. ft. per gallon |
| | 3/8" - 4 sq. ft. per gallon |

5. AVAILABILITY AND COST

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at www.pecora.com.

6. WARRANTY

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when used in strict accordance with our published recommendations and in applications considered by us as suitable for this product. The determination of eligibility for this warranty, or the choice of remedy available under this warranty, shall be made in our sole discretion and any decisions made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty, including but not limited to incidental or consequential damages.

7. TECHNICAL SERVICE

Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call our Technical Service Department at 800-523-6688.



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