



BITESIN

Acid Etching Compound for Concrete and Masonry Surfaces

1. Product Description

a. **Basic Use:** Bitesin is a concentrated acid formulation in liquid form used to prepare concrete and other substrates for resurfacing overlays, paint, coatings and other surface treatments. Bitesin etches away the relatively high proportion of portland cement commonly found at the surface of concrete by removing laitance, grime, embedded dirt, and other deleterious matter providing a clean, porous surface.

b. **Features/Benefits:**

- Bitesin removes embedded dirt deposits insuring positive adhesion, and increasing effectiveness of resurfacing materials.
- Cost effective method to prepare concrete surfaces for subsequent coating application.
- Concentrated formula requires only dilution with water before use.
- Bitesin neutralizes alkalinity of the concrete, preventing reaction with materials applied to it.

c. **Typical Applications:** Preparation and cleaning of concrete surfaces; cleaning of concrete ready mix trucks, wheelbarrows, mortar mixers and concrete finishing tools and excess mortar deposits from masonry surfaces.

d. **Limitations:**

- Paint, curing compounds, grease, and similar coatings must first be removed before Bitesin can be used.
- Protect eyes with safety goggles. If contact should occur, flush eyes with water profusely for 15 minutes and call physician.
- If contact is made with skin, wipe acid off gently and flood with soap and water.
- If ingested, do not induce vomiting - drink large amounts of water or milk and call physician immediately.
- Keep in well ventilated areas.

e. **Composition:** Phosphoric Acid.

f. **Color/Appearance:** Bitesin is a clear liquid.

2. Packaging

Bitesin is supplied in two standard units as shown below:

<i>Unit Size</i>	<i>Shipping Wt.</i>
<i>1-gal. (3.8 liter) jugs</i>	<i>14 lbs. (6.3 Kg)</i>
<i>5-gal. (18.9 liter) pails</i>	<i>70 lbs. (31.8 Kg)</i>

3. Estimating/Coverage

The recommended coverage rate for each unit size is shown below:

<i>Unit Size</i>	<i>Coverage</i>
<i>1-gal. (3.8 liter) jug</i>	<i>500 sq. ft. (46.5 sq. m)</i>
<i>5-gal. (18.9 liter) pail</i>	<i>2,500 sq. ft. (232.3 sq. m)</i>

4. Technical Data

a. **Specific Gravity:** 1.58

b. **Lbs. Per Gallon:** 13.18 lbs. (1.58 Kg/liter).

c. **Acid Composition:** 75% Phosphoric.

d. **Flash Point:** Not Combustible.

e. **Boiling Point:** 275°F (135°C).

f. **Vapor Density:** 1

5. Directions for Use

a. **Preparation:** All curing compounds, coatings or other membranes must be removed prior to application of Bitesin.

b. **Mixing:** Prepare solution by using 4 parts of water to 1 part of Bitesin.

c. **Application:** Pour solution generously over surface and spread uniformly with a stiff broom. Allow solution to etch surface for 15 minutes or until fizzing subsides. Keep surface moist and thoroughly flush with water. A second application of Bitesin solution may be required to remove built up deleterious materials.

d. **Working Time/Pot Life:** Bitesin will last indefinitely in properly sealed containers.

e. **Clean Up:** Thoroughly flush all equipment and tools with an abundance of clean water.

6. Availability

Bitesin is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Bitesin is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when used by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



Metalcrete Industries

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