



METALCRETE WATERPROOFING

Metallic Aggregate Waterproofing System

1. Product Description

a. Basic Use: Metalcrete Waterproofing is a combination of metal particles, hardening agents, and oxidizing chemicals used to waterproof foundation walls and other concrete and masonry substrates above or below ground, inside or outside.

b. Features/Benefits:

- Prepackaged system requires only addition of water to become fully activated and ready for application.
- Seals underground masonry walls against water penetration even in the presence of hydrostatic pressure.
- Easy to use - requires no special tools or worker skills.
- Bonds permanently providing complete immunity to moisture, water impurities and weather exposure.
- May be used either above or below grade level to prevent seepage.
- May be applied over damp masonry or concrete surfaces.
- May be used over fresh plaster coat applications.
- Provides a continuous and seamless waterproofing system.
- May be top coated with Blokcoat to provide a decorative system.

c. Typical Applications: Basement walls, elevator pits, tunnels and below grade storage tanks.

d. Limitations: Do not apply on exposed surfaces where an oxidized appearance is objectionable. Do not apply on painted or smooth surfaces. Do not use as a primary waterproofer in storage tanks. A primary device such as a waterstop extrusion should be used in cold joints with Metalcrete Waterproofing used as a separate and secondary treatment.

e. Composition: Metalcrete Waterproofing is a proprietary blend of specially processed iron aggregate, portland cement and catalyzing agents.

f. Color/Appearance: Dries to a burnt orange and rough surface.

2. Packaging

Metalcrete Waterproofing is supplied in one standard size unit:

<i>Unit Size</i>	<i>Shipping Wt.</i>
<i>50-lb. (22.7 Kg) pails or bags</i>	<i>52 lbs. (24 Kg)</i>

3. Estimating/Coverage

Each 50-pound unit of Metalcrete Waterproofing yields approximately 100 square feet (9.3 square meter) per coat depending on texture of the concrete substrate.

4. Directions for Use

a. Preparation: Surfaces must be physically sound, thoroughly clean, free of oil, curing compound, wax, loose paint, rust, scale and other deleterious material. Prior to mixing the Metalcrete Waterproofing material, the concrete substrate to be treated should be saturated with clean water. Do not apply Metalcrete Waterproofing over a dry substrate or a substrate with standing water.

b. Mixing: Add approximately 1.60 gallons (6.06 liter) of water to 50-pounds of Metalcrete Waterproofing to achieve a slurry or heavy paint consistency.

c. Application: Brush this mixture over the surface to be treated, applying two or more coats each at 24 hours apart.

d. Working Time/Pot Life: Apply Metalcrete Waterproofing to prepared surfaces immediately after mixing.

e. Cure Time: Metalcrete Waterproofing will continue to gain strength and increase waterproofing capability as long as moisture is present.

f. Clean Up: Waterzall Concentrate and water may be used for cleaning tools and equipment.

g. Maintenance: Metalcrete Waterproofing may be re-applied to itself providing surfaces are thoroughly cleaned and free of deleterious materials.

5. Availability

Metalcrete Waterproofing 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.

6. Warranty

Metalcrete Waterproofing 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 applied by competent applicators.

7. 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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