



IPA SYSTEMS

OCTOWELD

Bonding Agent for Surface Application



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QUALITY PRODUCTS FOR THE CONCRETE /MASONRY REPAIR INDUSTRY

Description

Octoweld is a liquid vinyl acetate polymer used as an easy spreading bonding agent for plasters and mortars.

Where to Use

Octoweld will bond fresh concrete to hardened concrete, white coat, gypsum plaster, portland cement and acoustical plaster.

Advantages

- ◆ Made in America
- ◆ Easy to use
- ◆ Contractor friendly, Can be brushed, rolled on or sprayed
- ◆ Excellent adhesion

Coverage Rate

On concrete, **Octoweld** will cover 200 to 400 square feet (18.6 to 36.2 m²) per gallon (3.8 L). On plaster, a gallon (3.8 L) will cover 400 to 600 square feet (36.2 to 55.7 m²). Actual coverage will be determined by the porosity of the surface to be bonded.

Packaging

OCTOWELD is packaged 4 gallons (15.1 L) per case, in 5 gallon (18.9 L) pails and in 55 gallon (208.2 L) drums. Shelf Life: 1 year in an un-open container.

Technical Data

Bond Strength: (Broken Halves of Briquettes Bonded Together by Brush Application of **Octoweld** ASTM C190)

Neat Cement	455 psi (3137.2 kPa)
1 part cement to 3 parts Ottawa Sand	333 psi (2296.0 kPa)
1 part cement to 3 parts Warner Sand	412 psi (2840.7 kPa)
Acoustical Plaster	82 psi (565.4 kPa)
1 part gypsum to 3 parts Perlite 1	48 psi (1020.5 kPa)
Gypsum Gauging Plaster	222 psi (1530.7 kPa)

(Fresh Plasters Molded to Briquette Halves Coated with **OCTOWELD**)

1 part gypsum to 3 parts Warner Sand	110 psi (758.5 kPa)
Acoustical Plaster	80 psi (551.6 kPa)
1 part gypsum to 3 parts Perlite	167 psi (1151.5 kPa)
Gypsum Gauging Plaster	228 psi (1572.1 kPa)

Flash point:	212°F (100°C)
pH:	5.0
Solubility in water:	Miscible

Surface Prep

Surface to be bonded must be cleaned of any film, scale, loose material, oils, grease, dust, dirt, laitance, efflorescence, oil-based curing membranes or form release agents, paint, unsound concrete and any other material that will prohibit bond. Surface preparation may be accomplished by sand blast, water blast, surface scarification, other appropriate means to provide a sound surface.

Application

Octoweld may be sprayed, brushed or rolled on. Very dry, porous surfaces should be sprayed with a fine mist of water before applying. This will eliminate brush drag and allow a more even flow of the material. For best results, apply finish coatings when **Octoweld** is still tacky or as soon thereafter as possible.

IPA SYSTEMS, INC

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Limitations

- ◆ Minimum material, surface and ambient temperature must be 40°F. Max Temperature is 95°F
- ◆ Do not use with expansive cementitious grouts
- ◆ Do not allow material to freeze

Clean-up

Cleanup must be done immediately due to high bonding characteristics of **OCTOWELD**. Clean equipment with water and a mild detergent.

Caution

FOR INDUSTRIAL USE ONLY:

In accordance with federal regulations, do not apply unless Material Safety Data Sheet (MSDS) is available on-site. Consult MSDS before using this product. Avoid ingestion and contact with eyes. If accidental skin or eye contact occurs, rinse immediately and repeatedly with water. If irritation continues, obtain medical assistance from a physician.

Warranty

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. This warranty and guarantee are expressly in lieu of all others, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and may not be extended by representatives or any persons, written sales information, or drawing in any manner whatsoever. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantee can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salesperson or company representatives are not authorized to extend or vary any warranties or guarantees beyond those outlined herein nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.

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