



OCTOWELD

LIQUID VINYL ACETATE BONDING AGENT

For Portland Cement and Gypsum Mortars and Plasters

OCTOWELD – Product Data Sheet

Bonding Agent for Surface Application

Description:

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

Uses:

OCTOWELD will bond:

- ◆ Fresh Concrete to Hardened Concrete
- ◆ White Coat
- ◆ Gypsum Plaster
- ◆ Portland cement
- ◆ Acoustical Plaster

and similar materials to practically any clean, structurally sound surface, new or old, painted or unpainted.

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TECHNICAL DATA

Shelf Life: 1 year

Flash Point: 212°F (100°C)

Color: Off-White

Odor: Mild Sweet

pH: 5.0

Solubility in Water: Miscible

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Physical Properties:

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	148 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)

OCTOWELD will permanently bond Portland cement or gypsum plaster to masonry, concrete or plaster surfaces.

INSTALLATION:

Surface Preparation:

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, chemical methods or 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.

Yield:

On concrete, **OCTOWELD** will cover about 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 about 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.

Clean-up:

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

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.

Limitations:

OCTOWELD should not be applied at ambient substrate and air temperatures lower than 50°F (10°C). DO NOT PERMIT **OCTOWELD** to freeze.

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 DRAWINGS IN ANY MANNER WHATSOEVER.

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