



IPA SYSTEMS

OCTOBLLEN

Acrylic Bonding Agent



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QUALITY PRODUCTS FOR THE CONCRETE /MASONRY REPAIR INDUSTRY

Description

Octoblen is a liquid admixture comprised of acrylic polymers and modifiers which when added to any Portland cement mixture will greatly improve physical properties and adhesion strength.

Where to Use

Octoblen can be used as an admixture for improving physical properties of cement based materials. Application examples are: toppings, repair mortars, leveling courses, thin sets, terrazzo, stucco and bond coats and all other cement based products.

Advantages

- ◆ Made in America
- ◆ Easy to use
- ◆ Improves bond strength, tensile and flexural properties
- ◆ Increases durability under freeze/thaw cycles
- ◆ Improves chemical resistance
- ◆ Reduces cracking and improves impact resistance
- ◆ Greater resistance to dusting and aids in curing

Packaging

Octoblen is packaged in 1 gallon (3.85 L) jugs, 5 gallon (18.9L) pails and 55 gallon (208.2L) drums. Larger bulk packaging is available and may be sized to meet our customers needs.
Shelf Life: 1 year in an unopened container.

Surface Prep

Substrate to be repaired must be cleaned of any film, scale, loose material, oils, grease and any other foreign material that will prohibit bond. Surface preparation must be achieved by mechanical means and methods. Surface must be SSD (Saturated Surface Dry) prior to application.

Mixing

Mechanical mixing is recommended. Use an electric drill motor and mixing paddle or mortar mixer. For optimum results, Octoblen should be used as the gauging liquid for cement slurries, overhead repairs and traffic bearing applications. For maximum bond of vertical patches and wall plasters, the gauging liquid should include at least 1 gallon (3.8 L) of Octoblen for each 50 pounds (22.7 kg) of Portland cement in the mixture. Always premix the gauging liquid before adding it to the premixed dry materials. Place an appropriate portion of the premixed gauging liquid in a clean mixing container, add measured powder and add balance of required liquid while mixing to bring to an application consistency.

Application

As a scrub coat: Mix **Octoblen** with **mortar or concrete mix**. Provide an SSD substrate prior to scrub coat. Make sure to work in scrub coat into substrate and substrate edges. Topping material should only be placed while scrub coat is moist.

As a Patch or Topping Admixture: Pack firmly and quickly without any more working force than is necessary. Mix only as much material as can be placed in 30 minutes (40 minutes in cool weather). Clean trowel or narrow metal straight edge (screed) the concrete surface frequently. When screeding large areas, keep build-up of material ahead of the screed and vibrate with short strokes. Finish after initial set.

IPA SYSTEMS, INC

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With Cement Paints: Use **Octoblen** when applying cement paints over previous cement coatings or over monolithic concrete to achieve lasting adhesion. Octoblen will also aid, cure and color uniformity, and eliminate the need for surface wetting. Prepare liquid comprised of equal parts water and Octoblen. Add powder to liquid while mixing. Bring to a heavy paste; allow to sit 20 to 30 minutes; thin to whipped cream consistency and apply material. Approximately 2 quarts (1.9L) of **Octoblen** per 25 lbs. (11.3 kg) of cement paint may be used. Mix only as much material as can be troweled or sprayed in 1 hour.

Limitations

- ◆ Minimum material, surface and ambient temperature must be 40°F (4.4°C) and rising
- ◆ Do not apply solvent containing compounds or coatings over Octoblen modified mixtures.
- ◆ Do not use in air-entraining cements.

Clean-up

Clean up must be done immediately due to the high bonding characteristics of Octoblen. Clean equipment with water.

Caution

FOR INDUSTRIAL USE ONLY:

Freshly mixed cement, mortar, grout, or concrete may cause minor skin irritation. Avoid direct contact where possible and wash exposed skin area promptly with water. If any of the cementitious material gets into the eyes, rinse immediately and repeatedly with water. If irritation persists, obtain medical assistance.

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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