

EchoMix®

Powder
Ultrasonic Couplant

EchoMix is easily mixed in ambient water in five minutes, providing a strong, continuous coupling film that adheres well to vertical and overhead surfaces.

PRODUCT DESCRIPTION

Provides a strong, continuous coupling film, reduces transducer wear and adheres well to vertical and overhead surfaces without dripping.

Reduced surface tension provides good wetting characteristics.

Salt resistant formulation. No loss in viscosity on corroded surfaces, marine parts or on boilers with salt cake.

Low environmental impact. No phosphates. Contains no formaldehyde. No strong odor or eye irritant from off-gassing.

Compact for shipping and storing.

Easy mixing, fast gel time in ambient water (5 minutes to final product).



PRODUCT SPECIFICATIONS

Operating Range: 32° to 120° F (0° to 50° C)

- **Viscosity:** (1 gallon mixture): 23,000 CPS, Brookfield #4 Spindle, 6 rpm
- **Halogens & Sulfur:** Less than 25 ppm
- **pH:** 9
- **Corrosion Inhibition:** Contains mild short term Ferrous Corrosion Inhibitors

PACKAGING

1 and 5 gallon easy to open and easy to use powder packets.

Working with EchoMix: Part A is a plant-based polymer that provides the viscosity and strong coupling film.

Part B contains minerals, including Sodium Molybdate, which quickly increase the pH and cause the polymer to thicken. Part B also provides ferrous corrosion inhibition. The blue color is a visual marker to ensure uniform distribution of the corrosion inhibitor by encouraging thorough mixing.

Removal: Remove with a dry rag, water and brush or pressure washer.

Air Bubbles: All powder couplants will form small air bubbles after mixing if water is not de-aired. These small bubbles usually do not negatively affect the use of the couplant and will dissipate in 3-4 days. If an air bubble-free couplant is desired immediately, use hot water and allow to stand overnight; then proceed with adding the powder couplant.

SDS available at www.echoultrasonics.com

ECHO ultrasonics
The couplant experts

B BERG ENGINEERING & SALES CO., INC.
Your Complete Source for NDT Testing Equipment Since 1969!

3893 Industrial Avenue • Rolling Meadows, IL • 60008
phone: (847) 577-3980 • fax: (847) 577-0474
www.bergeng.com • info@bergeng.com