



VpCI® BioBoard®

DESCRIPTION

VpCI® BioBoard® is a next-generation corrosion inhibiting emitter, created to meet the needs of a circular economy. Containing 93% USDA certified biobased content, VpCI® BioBoard® uses Cortec®'s unique Vapor phase Corrosion Inhibiting (VpCI®) technology to protect ferrous and nonferrous metals within an enclosed space.

Innovative and made from renewably sourced and recycled fibers, VpCI® BioBoard® simplifies packaging and preservation by forming a molecular barrier against corrosion on all metal surfaces within a sealed packaging environment, even hard-to-reach places or highly textured components. As with all Cortec® emitting products, parts and materials protected with VpCI® BioBoard® are ready to use right out of the box, with no cleaning or degreasing required.

Cortec® is committed to offering sustainable and renewable packaging alternatives to conventional polyethylene products. With VpCI® BioBoard®, responsible sourcing and disposal comes full circle. After use, just recycle in the paperboard stream.

FEATURES

- Constructed from renewably sourced and recycled fibers
- Contains 93% USDA certified biobased content
- Meets FBA Voluntary Protocol for Repulpability criteria
- Meets NACE TM0208-2024 standard on Vapor-Inhibiting Ability of Volatile Corrosion Inhibitor Materials
- Effective, multi-metal corrosion protection
- Uniform, dual-sided vapor phase emission for superior saturation
- Nitrite and chromate free

METALS PROTECTED

- Carbon Steel
- Galvanized Steel
- Aluminum
- Brass
- Copper
- Zinc

PACKAGING & STORAGE

VpCI® BioBoard® is available in 4" x 5" (10.16cm x 12.7cm) and 8" x 12" (20.32cm x 30.48cm) sheets, as well as custom sizes per request.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40–100° F (4–38° C).

Shelf life: 2 years

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APPLICATION

VpCI® BioBoard® is an extraordinarily versatile corrosion inhibitor. Typical applications include:

- Metal parts packaging and storage
- Electrical cabinets and control panels
- Toolboxes
- Shipping containers
- Machinery and equipment storage

Place appropriately sized VpCI® BioBoard® alongside metal parts requiring protection, then close and seal the package.

DOSAGING GUIDELINES

4" x 5" (10.16 cm x 12.7 cm) protects up to 1.5 ft ³ (0.042 m ³)
8" x 12" (20.32 cm x 30.48 cm) protects up to 8 ft ³ (0.23 m ³)
Custom sizes available*

*For custom sizing, please note that every square foot (0.093 m²) of VpCI® BioBoard® protects up to ten cubic feet (0.283 m³) of enclosed space.

NOTES

After use, ensure that VpCI® BioBoard® is free of contamination before recycling, in accordance with local regulations and environmental standards.

4119 White Bear Parkway, St. Paul, MN 55110
Phone (651) 429-1100
Toll Free (800) 4-CORTEC
productinfo@cortecvci.com
<https://www.cortecvci.com>



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