



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

EcoAir® Biobased Outdoor Coating powered by Nano VpCI®

DESCRIPTION

EcoAir® Biobased Outdoor Coating powered by Nano VpCI® is a biobased ready to use temporary coating designed for severe marine and high humidity conditions.

EcoAir® Biobased Outdoor Coating powered by Nano VpCI® provides multi-metal corrosion protection and is temperature stable to 180 °F (82 °C). It leaves behind an oily protective film that does not dry.

PACKAGING & STORAGE

EcoAir® Biobased Outdoor Coating powered by Nano VpCI® is available in 13 oz. net wt. (368 ml) pressurized (air) recyclable steel cans, 12 cans per carton.

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



CHARACTERISTICS/TECHNICAL DATA

Volume Solids	79-83%
Gloss (ASTM D532)	NA
VOCs (ASTM D3960)	1.28 lbs/gal (0.155 g/L)
Viscosity	120 cSt
Pencil Hardness (ASTM D3363)	NA
Spreading Rate	1326 sq.ft/gal @ 1.0 mils DFT (32.8 sq.m/L @ 25 µm)
Weight per Gallon	7.58 lbs/gal (0.91 kg/L)
Flash Point	201 °F (94 °C)
Recommended DFT	1.0-3.0 mils (25-75 µm)
Recommended WFT	1.25-3.75 mils (31-94 µm)
Dry to Touch	NA
Dry to Handle	NA
Recoat Time	NA
Force Dry	NA
Full Cure	NA
Salt Spray (ASTM B117)	300+ hrs
Humidity (ASTM D1748)	1000+ hrs
Adhesion (ASTM D3359)	NA
Flexibility (ASTM D522)	½" mandrel (1.27 cm)

All tests performed after a 7 day cure at ambient temperature

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APPLICATION

Surface Preparation

Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, rust inhibitors (except Cortec® approved), or any other surface contamination that could affect adhesion. Cortec® recommends a minimum of a SSPC-SP1 over painted surfaces. For bare metal applications, Cortec® recommends a NACE #3/ SSPC-SP6. Consult Cortec® Technical Service and/or test system adhesion prior to full scale application.

Cleanup

Clean tools/equipment immediately after use with butyl acetate when coating is still wet. For removal of EcoAir® Biobased Outdoor Coating powered by Nano VpCI® applied to a metal surface, use a VpCI®-41x series alkaline cleaner/degreaser. Follow mfg's safety recommendations when using any solvent.



Cortec® Corporation EcoAir® Technology products are powered by compressed air that completely replace expensive chemical propellants. This technology is innovative because a four-layer EcoPouch® is inserted into a can then the can pressurized. Finally, the EcoPouch® is filled with the liquid. As the valve is depressed the surrounding pressure expels the bag's internal fluids until the product is used up.



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