



APPLICATION MANUAL

Vetro Power NANO-EVERO Dry Plate UV PCB Protection

Corrosion & Humidity Shield with Dry Film Finish

PRODUCT SPECIFICATION

VETRO POWER NANO-EVERO DRY PLATE UV PCB PROTECTION is a solvent-based corrosion and humidity protection for pc boards in industrial use. Due to its ability to form a flexible, abrasive resistant dry film on the surface of the coated objects, it can be used to protect PCB's and other electronic devices from getting short circuited by water or humidity and also protects the parts from corrosion. Due to the dry surface with a high flexibility it resists animals and does not attract dust or other residues from the environment. Vetro Power NANO-EVERO Dry Plate UV PCB Protection can be applied at room temperature by spraying, dipping or painting (for industrial application dip coating is recommended). The coating needs a curing and hardening time from 15 min - 2 hours at room temperature. Heating up to approx. 40°C (e.g. IR) reduces the curing time to some minutes. The coating will be fully cured after 24 hours at room temperature.

MATERIAL INFORMATION

Basis	Preparation of corrosion protection, solvent based
Look	Transparent liquid
pH-Value	n.d
Active Agent	n.d
Viscosity (DIN 53211)	n.d. sec (2mm flow cup)
Thinning	Ready to use formula

Application	10-50 ml/m ² (Depending on surface /application/thickness of layer)
Handling	See MSDS
Shelf Life	Min. 12 Months
Storage temp.	+5°C - +25°C (Store dark and frost resistant. Highly flammable f+)

APPLICATION

Wear gloves and a mask using **VETRO POWER NANO-EVERO DRY PLATE UV PCB PROTECTION**. Keep away from open fire and make sure for good ventilation. Apply in three Steps: 1. Cleaning 2. Application 3. Drying.

1. Cleaning :

Make sure the surface is free of fat, dust, water, etc. (use alcohol, basic or acid cleaners). Material has to be dry.

2. Application :

VETRO POWER NANO-EVERO DRY PLATE UV PCB PROTECTION has to be applied by spraying, dipping or painting on the surface of the to be coated device. Please let it dry for some time. (if necessary, please repeat coating process)

3. Drying :

The coating will be dust dry after 15 im-2 hours. At 40°C < 5 min. The coating will cure for 24 hours until completely dry.

Warning Advice: We recommend wearing suitable protective clothing. In case of contact with skin, immediately rinse off with water. Do not swallow. Avoid contact with eyes. In case of contact with the eye or mucosa, immediately rinse off with water. In the event of symptoms occurring, seek medical treatment. Keep out of reach of children!

General advice: Do not inhale atomised spray and the liquid product.

Zyax Chem PVT LTD is not liable for damages to the product, as a result of dirt entering the bottles and canisters, e.g. after opening the containers. Zyax Chem PVT LTD is also not liable for improper application of the product if the surfaces have been recoated for any reasons, without Zyax Chem PVT LTD's prior written agreement, nor for any damage to or deterioration of the coating system arising from causes beyond the control of Zyax Chem PVT LTD, including but not limited to impact, abrasion, mechanical damage, neglect, malicious damage, fire damage, pollution and abnormal weather conditions, neither for failure associated with exposure of the coatings to abrasive, chemical substances, abrasive scouring, hydrofluoric acid and highly alkaline chemicals such as bleach, potassium hydroxide and sodium hydroxide and/or if the coated surfaces have not been maintained in accordance with the supplier's recommended maintenance procedures. All information is based on today's state-of-the-art technology. As to the above-mentioned information, we do not lay a claim to completeness, these are only to be understood as possible examples for application areas. Due to a large number of surfaces and object conditions, the buyer/user is not relieved of the duty to professionally verify, in his own responsibility, that our materials are suitable for the intended purpose according to the respective object conditions. In all other respects, our general conditions of sale apply. If the new product information is issued the validity of the old version expires.

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