

# MetPro VCI Support Products

Ballinorig Business Park, Tralee, Co. Kerry, Ireland • Tel +353 66 7181055 • Fax +353 66 7120823 • Web [www.metprogroup.com](http://www.metprogroup.com)

## HOW DO METPRO VCI SUPPORT PRODUCTS WORK?

MetPro VCI Support products are used in conjunction with our VCI Papers & VCI Films and have been developed in response to the following needs:

- Multimetallic corrosion protection on a long-term basis.
- Need for a combination of cushioning & rust protection.
- Requirement for non-messy & non-labour consuming products.

MetPro VCI Support products have the unique feature of containing high concentrations of VCI chemical which acts as a support to the primary method of protection.

The VCI chemical diffuses into the surrounding enclosure forming a protective monomolecular layer in addition to the protection afforded by the Paper or Film.

## WHY USE METPRO VCI SUPPORT PRODUCTS?

- MetPro VCI Support products offer protection to a wide range of metal types.
- Added advantage of increased protection when equipment is in storage or transit when used with paper or film.
- Protect the metal surface through direct contact (VCI FOAMS) and vapour action (VCI EMITTER / BOARD)
- VCI Support products protect hard to reach areas and are easily placed in any position required.
- All VCI Support products are compatible with commonly used Oils, Greases, Paints & Rubbers.
- MetPro products are clean, convenient & easy to use.



## THE METPRO RANGE OF VCI SUPPORT PRODUCTS

Our VCI Support product range includes:  
**VCI Foams, VCI Emitters, VCI Boards**

### METPRO VCI FOAMS

Rectangular foams coated with a high level of Volatile Corrosion Inhibiting chemical which can be custom coated depending on the end use application.

### METPRO VCI EMITTERS

Green rectangular plastic boxes containing VCI impregnated boards. The Boards contain a high concentration of VCI chemical ensuring adequate protection of metal parts.

### METPRO VCI BOARDS

VCI Boards are supplied in various dimensions and can be coated with different VCI chemicals depending on the end use application.



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## SPECTRUM OF APPLICATIONS

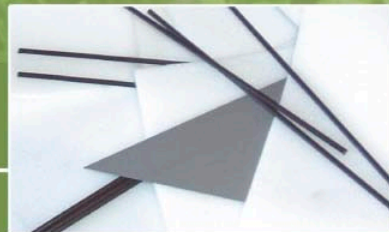
- Switch Gear & Relay cabinets
- Ferrous & Non-Ferrous Castings & Forgings
- Machined Parts & Components
- Automotive Components
- Pumps & Motors
- Tools, & Spare Parts Boxes

## HEALTH & SAFETY

- MetPro VCI Support products are Nitrite Free.
- All VCI Support products conform to EU & US Packaging Specifications.
- Our VCI products have been independently tested for skin irritation and were found to be non-irritant
- All MetPro VCI Products are Environmentally friendly & Recyclable.
- MetPro VCI Support products are non-toxic and suitable for in-direct food contact.

## GENERAL GUIDELINES FOR USE

- Pack only clean & dry products.
- Wear gloves to avoid leaving acidic, corrosion causing fingerprints.
- When packing metal parts, the ambient temperature and the part temperature should be the same to prevent condensation from forming inside the enclosure.
- Enclosures should be tightly sealed to prevent moisture ingress.
- Customers are advised to conduct field trials to ensure adequate protection is achieved and that the correct product has been chosen for the application.



## SPECIFICATIONS & STANDARDS AVAILABLE

### METPRO VCI FOAM:

Standard sheets sizes of A3 / A4 / A5

### METPRO VCI EMITTERS:

METPRO Emitter 50  
METPRO Emitter 100  
METPRO Emitter 200

### METPRO VCI BOARDS:

Large Sheets 700mm x 1000mm.  
Custom Cut to size for use as emitter boards.

All products can be tailored made to suit particular applications, a variety of impregnations are available on request. Please contact your local area sales representative for more information on the entire product range.