

FERROGARD/MULTIguard

VCI Anticorrosion Paper



■ BRANOguard

Temporary corrosion protection for the automotive, mechanical engineering and metal processing industries.

■ Product Characteristics

FERROGARD/ MULTIguard VCI anticorrosion paper is a kraft paper combined with the basic VCI quality of BRANOpac.

By constantly emitting a small amount of active anticorrosion substances (VCI principle: Volatile Corrosion Inhibitor), FERROGARD/ MULTIguard papers help to protect metal parts during transport and storage.

Active VCI agents effuse and build up a protecting atmosphere, which protects reliably against rust, even after having opened the package for a short time – the protecting atmosphere can be rebuilt immediately.

FERROGARD/ MULTIguard VCI anticorrosion paper is double-side active on contact and distance. It can be used as a simple single wrap, interlayer or lining material and for basic applications in production, storage and shipping.

■ FERROGARD/ MULTIguard Types

FERROGARD/ MULTIguard papers are available in three different performances.

FERROGARD*	Protects iron, steel, chromium, tin, pure aluminum and cast iron. <u>After consultation with BRANOpac:</u> cadmium, zinc, nickel, lead, magnesium, tungsten, molybdenum, copper and its alloys.
MULTIguard	Protects iron, steel, cast iron (only on contact), zinc, chromium, copper, brass, bronze, pure aluminum and tin. <u>After consultation with BRANOpac:</u> cadmium, lead, magnesium, tungsten and molybdenum.
FERROGARD M	Protects iron, steel, chromium, tin, pure aluminum and cast iron (only on contact). <u>After consultation with BRANOpac:</u> cadmium, zinc, nickel, lead, magnesium, tungsten, molybdenum, copper and its alloys.

■ Advantages

- Environmentally friendly corrosion protection based on paper
- Metal parts are ready for use at any time
- Oiling and greasing aren't necessary anymore
- Economy of time
- Package and anticorrosion protection together
- Simple disposal
- Low package requirements
- In accordance with TRGS 615
- Represents no health hazard
- BRANOpac is certified according to ISO 9001 and ISO 14001



*contains nitrite according to TRGS 615

Current version: 04/2016
Replace: 06/2015



BRANOpac
Solutions with System

FERROGARD/MULTIguard Product Information

■ Forms of Delivery

Customer oriented in roles, sheets, bags, covers and blanks.

■ Requirements

The metal is to be packaged clean, dry, corrosion-free and without remnants from earlier process steps. The denser the outer package, the more permanent is the protective effect.

■ Disposal

FERROGARD/ MULTIguard papers are marked with the Resy label and can be recycled in a material – or thermal utilisation. If such utilisation is not technically possible or reasonable, the material can, in accordance with local official regulations, be disposed of with domestic refuse or burned.

■ Operation Safety

FERROGARD/ MULTIguard VCI anticorrosion paper corresponds to TRGS 615. Please see for further information the safety information sheet.

■ Special Types

FERROGARD	K - creped paper P - coated with PE, water-repellent KP - creped, coated with PE, water-repellent
MULTIguard	K - creped paper P - coated with PE, water-repellent

■ Storage and Duration of Protection

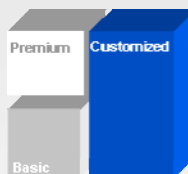
Should be stored cool and dry, protected from direct sunlight. Shelf-life in the original packaging up to twelve months.

The term of protection for cast iron can be up to twelve months and for iron and steel up to 18 months.



Paper is the Future

When you see the BRANOpac „Naturally Protected“ seal, you can be sure, these branded products have been manufactured in an environmental-friendly way and they offer excellent protection.



Solutions with System

According to your requirements, you have the choice between three BRANOpac solutions: BRANOpac Basic, Premium or Customized.

FERROGARD/ MULTIguard VCI-products are to be used as described application/ packaging advice. Otherwise, no responsibility for caused damages can be taken.

The information given is in line with current state of knowledge. It is non-binding and might have to be adjusted to meet local requirements. No liability is accepted for this information. Please contact us in case of doubt.

You will find more information at:

www.branopac.com
www.branopedia.com
www.branomedia.com



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