



VCI corrosion protection paper Type Excel



Safe corrosion protection
for demanding applications



DESCRIPTION

High-quality metallic products and components require safe protection against corrosion during transport and storage. When special requirements for the mechanical protection of the products are added, KORUS Excel VCI papers deploy their full potential.

These special papers are designed to meet very high mechanical demands. From creped papers with high-level elongation to coated papers and fabric-reinforced versions – KORUS Excel papers offer optimum protection for every application.

For special individual requirements, we will be happy to develop your customised solution using KORUS Excel VCI papers.

YOUR ADDED VALUE



TIME-SAVING – The metal parts do not need to be degreased or de-oiled after unpacking. They are ready for immediate use, which saves time and thus costs.



FLEXIBLE – Whether for lining containers, as an intermediate layer or for wrapping products. KORUS Excel VCI papers offer numerous application possibilities and maximum flexibility in packaging.



SAFE – KORUS Excel VCI papers offer safe protection against corrosion. Even a brief opening of the packaging (e.g. by customs) does not affect the protective effect, as the protective atmosphere is automatically re-established after being closed again.



ENVIRONMENTALLY FRIENDLY – Paper is a renewable raw material and can be recycled without any problems. The VCI active substances are harmless to nature and health.

PARAMETER	KORUS EXCEL VCI PAPER
Scope of protection	Type FE: Steel, iron, tin, chrome Type MM: Steel, iron, tin, chrome, bronze, brass, copper, copper-containing alloys, aluminium, zinc
Possible variants	+ creped + creped and PE-coated + with PE coating and fabric reinforcement Contact us for a personal consultation.
Duration of protection	Up to two years; with precise knowledge of the application, the duration of protection can be adjusted.

HANDLING

STORAGE

Store in a cool and dry place, protect from sunlight. Maximum storage time up to one year in the original packaging.

REQUIREMENT

The metals to be protected must be clean and dry. Contact with wood, corrugated board and acidic materials must be avoided.

PACKAGING

The packaging must form a closed space.

OCCUPATIONAL SAFETY

KORUS Excel VCI paper is not a hazardous substance in the sense of the Ordinance on Hazardous Substances and complies with TRGS 615.

THIS IS HOW CORROSION OCCURS

Corrosion is a reaction of a metal with moisture and oxygen.

The moisture in the air is often enough to trigger corrosion.

However, corrosion does not take place at a relative humidity below 40 %.

Corrosion accelerators are among others

- + **Salts** (e.g. from process baths)
- + **Hand sweat**
- + **Atmospheric pollution** (e.g. industrial waste gases)
- + **Aggressive compounds** from packaging material (acid from wood, waste paper containing paper and cardboard)

Therefore, metallic components should always be **dry** and as **free as possible from residues** on the surface.