

ADDITIVES – CORROSION-PROTECTION



PRODUCTNAME	APPLICATIONS	SPECIAL FEATURES
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Corrosion-protection in aqueous system

POLYGONAL K-210	Corrosion inhibitor protecting and stabilizing aluminum and other light metals in aqueous systems.	Particularly suitable for metallic paints: increases brilliance of the metallic effect. Promotes paint adhesion. Positive influence on the adhesion to metals. Free of nitrites. Effective also in high alkaline pH-range.
POLYGONAL K-215	Flash rust inhibitor and corrosion inhibitor for iron, steel and non-ferrous metals in water-based systems	Excellent inhibition against flash rust in water-based coatings. Good Compatibility with most systems like acrylic, alkyd, epoxy ester, styrene-acrylate dispersion and others. Mostly compatible with 2K-epoxy coatings if addition is done to the amine phase. Free of nitrites.
POLYGONAL K-216		Excellent inhibition against flash rust in water-based coatings. Good Compatibility with most systems like acrylic, alkyd, epoxy ester, styrene acrylate dispersion and others. Free of nitrites.
POLYGONAL K-217	Flash rust inhibitor and corrosion inhibitor for iron, steel and non-ferrous metals in water-based systems, directly soluble in water.	Excellent inhibition against flash rust. Particularly suitable for 1K- and 2K-epoxy systems. Good Compatibility with most other systems. Directly soluble in water and therefore also suitable for temporary storage before application of coating. Free of nitrites.

Corrosion-protection in solvent-systems

POLYGONAL K-230 E	Corrosion inhibitor protecting iron, steel and non-ferrous metals in solvent-based systems. Dewatering agent when substrate is still wet or in case of residual water in the system.	Improves wetting of metal surface and protects against corrosion. Applicable as corrosion inhibitor in saltwater climate. Free of nitrites.
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POLYCOR® polyaniline-based corrosion protection

<p>POLYCOR® CS NEW</p>	<p>New, patented corrosion inhibitor, based on doped conductive polyaniline for the protection of ferrous- and non-ferrous metals and for a wide use in coatings like for example: metal-coatings, industrial coatings and primers based on polyester-, epoxy-, acrylic- or alkyd resin.</p>	<p>- Powder version for epoxy-, polyester- and hybrid-powder coatings</p>
<p>POLYCOR® CS PLUS NEW</p>		<p>- Powder version for epoxy-, polyester- and hybrid-powder coatings - Modification with higher molecular weight polymer for powder coating primers with higher adhesion</p>
<p>POLYCOR® PCS-SB NEW</p>		<p>- Liquid version for solvent-based systems (as 50% concentrated paste in methoxypropylacetate)</p>
<p>POLYCOR® KCS-WB NEW</p>		<p>- Liquid version for water-based systems (as 35% dispersion in water)</p>