



for tomorrow's
Technology

Anticor[™] RCP

Active Rust Conversion Primer



for tomorrow's

World

Rust conversion primer

Anticor™ RCP is a water-based rust-conversion primer coating that combines excellent rust-converting properties with strong adhesion to metals. It consists of an acrylic resin and epoxy hybrid blend with rust-converting additives. This ready-to-use paint can be applied directly onto rusted substrates where it converts rust into an anticorrosive complex while creating a strong bond with the metal surface. The ability to apply this coating directly onto rusted surfaces makes it a time-saving solution for an endless number of applications.

Multi-metal primer

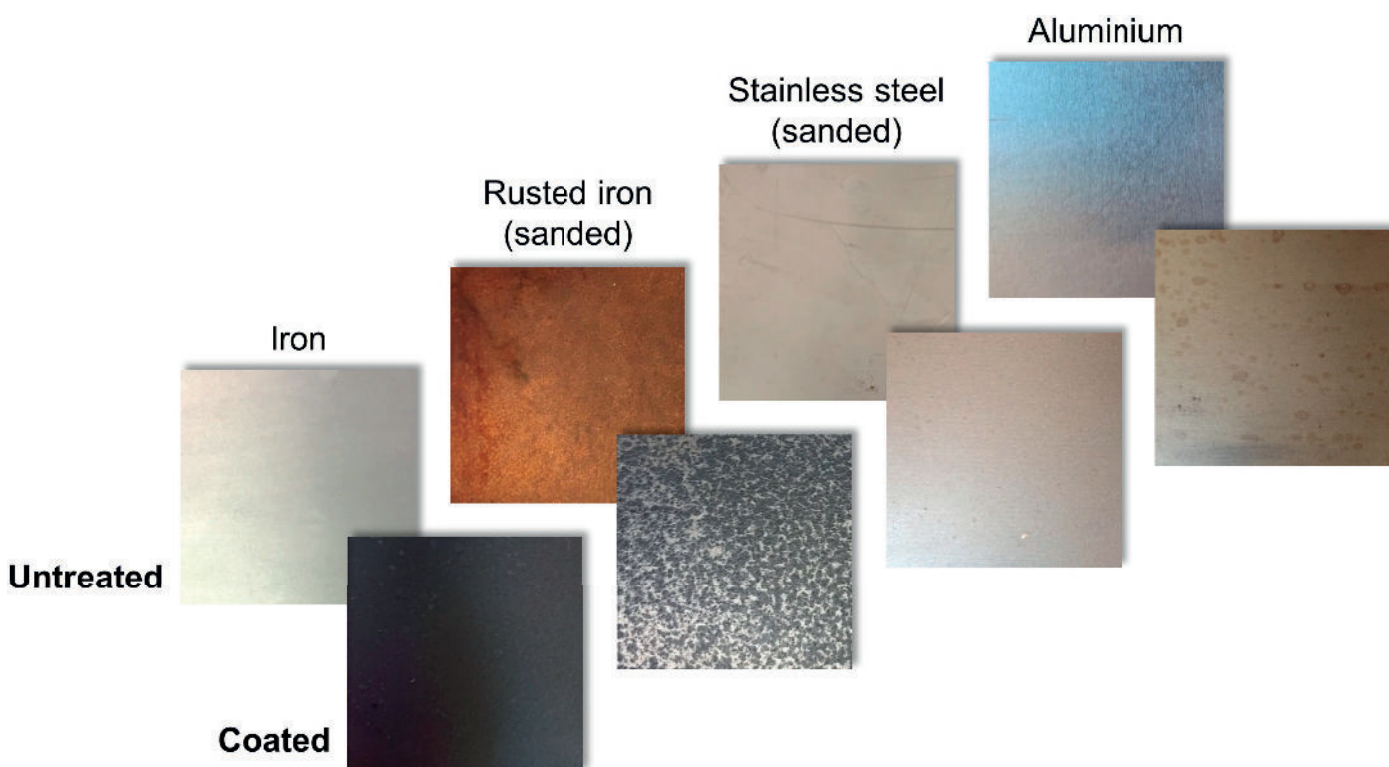
Being an effective direct-to-metal paint system, it creates a strong primer coating on bare iron, stainless steel, aluminium, copper and various other substrates. The passivating coating blocks the access of oxygen and water to both the anodic and cathodic sites of the metal, improving overall corrosion resistance.

No need to remove rust!*



Rusted iron panel before and after being coated with Anticor™ RCP, visualising the rust conversion process.

***No need of further sanding after removing loose rust particles.**



Various metal substrates before and after being coated with Anticor™ RCP. Iron substrates take on a blackish appearance once the conversion process is complete.

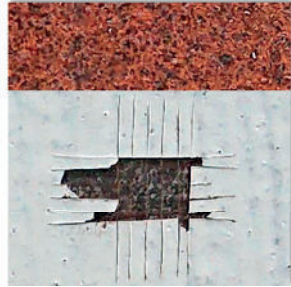
Enhanced adhesion

Anticor™ RCP's incorporated polymer blend anchors itself into rusted surfaces creating a strong physical bond. The dry Anticor™ RCP coating is durable, waterproof and provides also strong adhesion to multiple substrates due to the incorporation of ADDAPT® VeoPox™ technology.

With Anticor™ RCP



Without Anticor™ RCP



Cross-cut adhesion test of 2k epoxy topcoat applied over rusted iron substrate, with and without Anticor™ RCP.

Rusted iron



Aluminium



Iron



Andreas cross adhesion test of Anticor™ RCP applied over rust, aluminium and iron substrates.

Easy recoatability

The excellent intercoat adhesion and rust-blocking properties of Anticor™ RCP provide a great basis for any topcoat where the effect of rust bleeding through is impeded. It improves the water and salt resistance of direct-to-metal coatings which makes it very suitable for marine and heavy-duty applications.

- ✓ Direct application over rusted surfaces
- ✓ Strong adhesion to multiple substrates
- ✓ Stops rust formation at its source
- ✓ Suitable for various metals
- ✓ Excellent recoatability
- ✓ Low VOC content
- ✓ Fast drying time
- ✓ Water-dilutable
- ✓ Halogen-free
- ✓ Zinc-free

**Waterborne
2k epoxy**



**Solventborne
2k epoxy**



**Solventborne
1k alkyd**



Cross-cut adhesion test of various topcoats applied over rusted iron substrates coated with Anticor™ RCP.

CONTACT INFORMATION

ADDAPT Chemicals B.V.

Speltdijk 1
5704 RJ Helmond
The Netherlands

Tel.: +31 (0)492 59 75 75
Fax: +31 (0)492 55 29 55
E-mail: info@addapt-chem.com
<http://www.addapt-chem.com>

Liability

All recommendations for the use of our products, whether given by us in writing, oral, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Under no circumstances shall Seller be liable for incidental, consequential or indirect damage for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with product(s). Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has/have not been tested for, and is/are therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin or blood is intended, or for uses for which implantations within the human body is intended.

