



100% ecological agent for removing corrosion from steel and creating a more corrosion-resistant surface.

ACR (Anti Corrosion Reagent) is an agent that removes rust and changes the surface at the molecular level. After the reaction, the steel becomes more resistant to corrosion, and the surface has optimal geometry for accepting paints, metal plating, enamelling, lubricants, etc. Apply standard protective products resistant to external influences on the surface treated with ACR gel/solution. By applying ACR gel/solution, you will extend the life of the steel.

AREAS OF APPLICATION:

- Automotive, aviation, and marine industries
- Railway transport
- Energy industry
- Chemical industry
- Oil pipelines, gas pipelines, cooling fittings
- Engineering
- Construction and building materials
- Hobby

INSTRUCTIONS FOR USE

1. Mechanically remove loose parts of corrosion or corroded protective coating and degrease the surface.
2. Thoroughly mix the ACR gel.
3. ACR gel – apply with a brush, spatula or by spraying to a thickness of at least 3 mm. For optimal effect on vertical surfaces, we recommend fixing the gel with foil, mesh or fabric. Use a fixing film in higher temperatures and windy conditions.
ACR solution – immersion of the treated object into ACR
4. Allow the ACR gel/solution to work for at least 4 **hours at the optimal temperature of 18 °C**. In lower temperatures, the application time must be extended accordingly. The progress of the reaction is manifested by **discolouration (darkening)** of the gel/solution
5. After the gel/solution reaction, rinse the surface with pressurised water with possible mechanical cleaning (plastic brush, sponge, paintbrush). **!Caution! Do not use chlorinated water for rinsing!** (use distilled, well, or standing water). Perform a detailed visual inspection and if residual corrosion impurities are detected, repeat the process. In case of **repeated rust removal, use slightly alkaline water for rinsing! Add a small amount of baking soda, washing soda, soap or dishwashing detergent, etc. to the water. Be careful not to mechanically damage the surface after the ACR gel/solution reaction!**
6. Dry the surface with a stream of air or absorbent material, then apply the desired coating system, conservation oil, lubricant, etc. to the dry surface.

Important:

ACR can be used repeatedly; if the effect is reduced, extend the application time accordingly.

Any varying degrees of grey on the de-rusted surface do not impair functionality.

When working, it is advisable to use common protective work equipment.

APPLICATION, APPLICATION TOOLS

Gel – necessary to apply a layer with a minimum thickness of 3 mm

Solution – immersion in a container

Brush, spatula, airless equipment

STORAGE, TRANSPORT

Store in the original, tightly sealed container.

The mixture is not dangerous for any type of transport.

ADR, RID, IMDG, ICAO/IATA do not apply

SURFACE CLEANING – RINSING – DRYING

For rinsing, it is necessary to use water without chlorine content, distilled, well, filtered, or stagnant for at least 24 hours. Using water with chlorine may degrade the newly modified steel surface. To dry remaining water from the surface, use compressed air, absorbent materials, hot environment, etc.

PACKAGING

Gel – 1.2 kg bucket | liquid – 5L, 25L canister, 200L barrel, IBC