

ProHold Coat ER-COAT EASY

Deck and Cargo Holds

Description

ProHold Coat is a water-based liquid coating product applied to cargo hold surfaces prior to the loading of cement, sulfur, coal, petcoke, salt, and other mineral cargos. It forms a thin, temporary film layer that creates a protective barrier between the cargo and the hold surface. This barrier prevents direct contact between the cargo and the surface, thereby protecting the hold from corrosion and making post-discharge cleaning significantly faster and easier. It can also be used on deck surfaces to provide protection against dust and corrosion during loading and discharging operations. ProHold Coat is easy to apply, environmentally friendly and completely safe to use.

Directions For Use/Applications & Dosage Rates

ProHold Coat is supplied ready to use and should not be diluted. Therefore, it can be applied directly from the container. Apply the product onto the cargo hold surfaces using a low-pressure pump or a *chemical applicator set** by means of spray application. For best results, keep the spray nozzle approximately half a meter (50 cm) away from the surface during application. Once the surface is fully wetted, additional spraying is unnecessary, wetting the surface is sufficient for the film layer to form.

One liter of ProHold Coat covers an average of 16–18 m². After application, the product leaves a non-sticky, thin film layer on the surface, which greatly facilitates cleaning before the next loading.

Depending on ambient temperature and humidity, the product will dry within approximately 1–2 hours, forming the protective film layer. Do not begin loading until the product is completely dry and the film has fully formed.

Removal Guideline

After application, ProHold Coat leaves a non-sticky, thin film layer on the surface. This film makes the cleaning process before the next loading much easier. When cargo is loaded, small particles can penetrate into microscopic pores in the paint layer, and removing them becomes extremely difficult. Even with strong cleaning agents or high-pressure washing machines, complete cleaning cannot be achieved due to electromagnetic adhesion. In many cases, scraping remains the only effective method to remove such contamination. ProHold Coat minimizes this problem by forming a protective film barrier between the particles and the surface. As a result, the residues can be easily removed even with high-pressure water cleaning. The formed film is water-soluble and can be washed away even with seawater.

For more delicate cleaning operations, a cleaning chemical may be used during washing to prevent the removed residues from settling on the surface, a concentration of 0.2–0.5% is sufficient.

Please contact with us via our e-mail adres for chemical applicator set requests.

Coating Chemicals

Summary

- Can be safely used on all metals and metal alloys; does not damage paint or coatings.
- Non-toxic, non-flammable, and non-corrosive.
- Complies with all environmental regulations.
- Easy to apply and remove, helping to save time and reduce the use of cleaning chemicals.
- Can be applied over other coating products and is compatible for use together with them.

A) Organic Properties

Appearance

Physical State (20°C): Liquid

Color : Colourless,yellow

Odor : Mildly scented

B) Physical Properties

pH : 6,5-7,0

Molecular Weight : -

Flash Point : -

Density : 1.00-1.05 g/cm³

Storage Conditions

Packaging Type : 25-30-210 liters

sealed, plastic drum or barrel

Storage Period : 3 years

Approvals & Certificates



Product No

: SP-KS-094