

DESCRIPTION

HOLDBRITE HOLD BARRIER XR is one of Drew Marine's suite of HOLDBRITE products offered specifically for cargo hold cleaning and maintenance on dry bulk carriers. HOLDBRITE HOLD BARRIER XR is a temporary protective hold coating that creates a neutral layer between the bulk cargo and the hold surface. HOLDBRITE HOLD BARRIER XR prevents cargo residues from penetrating into the surfaces' pores and minimizes the required volume of cleaning detergent used to clean holds after cargo unloading. HOLDBRITE HOLD BARRIER XR is MARPOL Annex V compliant.

APPLICATION & USE

HOLDBRITE HOLD BARRIER XR is a highly concentrated chemical that forms a temporary coating on hold surfaces. It creates a thick layer for enhanced protection and provides extra resistance against corrosive cargoes like sulfur and salt. HOLDBRITE HOLD BARRIER XR is ready-to-use and does not need to be diluted with water prior to the application.

HOLDBRITE HOLD BARRIER XR should be applied on clean surfaces where cargo stains and residues have been removed. It is highly recommended that the chemical be applied with appropriate chemical application equipment, such as Drew Marine's CARGO HOLD APPLICATION SET, which is suitable to use for temporary hold coatings and cleaning chemicals.

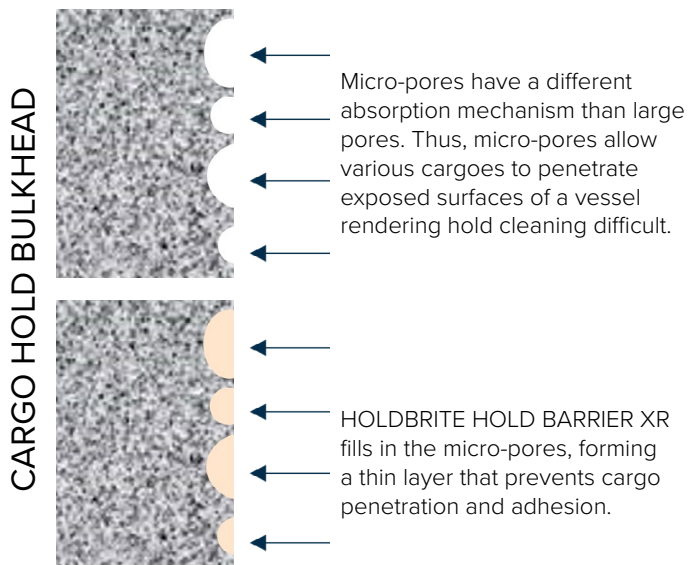
Apply the product using low pressure spraying, with the wide-angle nozzle. Ensure that all surface areas are covered. Apply a thin coat and take care to ensure not to overlap surfaces that have been treated. Each liter of the ready-to-use product can cover approximately 8-15 m².

Allow the surfaces to dry for 24-48 hours. Drying time is dependent upon environmental conditions, but the surfaces **MUST BE COMPLETELY DRY BEFORE LOADING THE NEXT CARGO**.

To clean the surfaces after unloading, use large quantities of water under pressure. In most cases, no cleaning detergents are required to remove HOLDBRITE HOLD BARRIER XR.

FEATURES

- Concentrated
- Ready-to-use
- Water soluble



Keep your bulkheads "grain clean" with less time and effort.

Because the product is transparent, it is possible that some surfaces will be overlooked during the application phase and will be left unprotected, with no product applied. For those areas, a cleaning detergent will be necessary to remove residues of the loaded cargo that may have formed during cargo transport.

TYPICAL PHYSICAL PROPERTIES

Appearance:	Opaque liquid
Odor:	Mild
pH (neat):	7.0
Flash Point (PMCC):	None
Density at 20°C:	1.01 ± 0.03 g/cm ³

NOTE: Always wear the appropriate personal protective equipment when using this product.

PACKAGING

HOLDBRITE HOLD BARRIER XR is available in 200-liter drums (PCN 9104423).

BENEFITS

- Creates a thick layer for corrosive cargoes (sulfur, salt)
- Easy to apply/does not need dilution
- Less detergent required to remove
- MARPOL Annex V compliant



Contact your Drew Marine representative for more information

IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



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