

## RBM HoldBlock

### APPLICATION INSTRUCTIONS

Use low-pressure application equipment to spray onto the surface that needs protection. Only a light spray is needed. If there is liquid running down, too much was used. Allow to dry before loading cargo.

#### HINTS FOR APPLYING

Start at the bottom of the bulkheads and work your way up. Hold the nozzle about ½ meter away from the surface. Do not stand in one spot. Side step along the bulkhead, always moving slowly. Apply to the tanktops before leaving the hold.

**PAINT** should be fully cured before applying RBM HoldBlock. Paint that has not cured properly may absorb RBM HoldBlock and cargo residues, making it very difficult to remove.

**RAIN WATER** on the tanktop is okay, but large puddles of water should be mopped up or spread out before applying RBM HoldBlock.

**RESIDUES** from previous cargo and/or Limewash must be removed before applying RBM HoldBlock.

### APPLICATION – SULPHUR / SALT

Work your way up to about 4/5 meters, then cover the tanktops. Ensure full coverage on these areas. Check to see how much product has been used. If less than 2/3 drum, continue application higher.

Do not allow HoldBlock to run down the bulkheads. HoldBlock should be misted only. Mop any excess HoldBlock evenly on the tanktops to allow drying.

If outside temperature is close to freezing, mix HoldBlock with warm water to prevent freezing during application. If raining, close hatch covers to prevent rain from affecting the tanktops. Leave partially open for natural ventilation.

### MIXING INSTRUCTIONS

#### 20-Litre Concentrate Jugs:

30% HoldBlock Concentrate : 70% Fresh Water  
(3 jugs of Concentrate = 1 drum of Solution)

Fill a clean empty drum half way with FRESH water. Add three jugs of RBM HoldBlock Concentrate. Mix Well. Top up with water, stirring occasionally.

### EQUIPMENT SETUP & NOTES

Bleed the vessel's air lines before connecting the pump to avoid moisture in the lines. Weight the suction hose to keep secure at the bottom of the drum. Before connecting the outlet hose, secure it to avoid tension on the pump. Take extra precautions with hose connections. Loop the wand hose with the outlet hose to prevent fittings from disconnection.

Always start the pump with all hoses on deck to ensure there are no leaks. Always use a heaving line to lower equipment into the holds. Ensure the PowerWand tip is facing up.

### REMOVAL INSTRUCTIONS

Remove as much remaining loose cargo as possible, as per normal procedures. Rinse down bulkheads with high-pressure water (firehose, etc). Let dry. Use RBM HoldWash to remove all traces of RBM HoldBlock residues.

Cleaning procedures may vary depending on type of cargo. If time permits, test various methods in small areas and use most effective method. For more detailed cleaning instructions, please refer to the instruction sheet for RBM HoldWash.

AVERAGE DRUM COVERAGE	APPROX COVERAGE	RECOMMENDED QTYS	
		HANDYMAX	PANAMAX
Good Paint and/or Clean Metal Surfaces with Little or No Rust	2200 m <sup>2</sup> per drum	½ Drum per hold	¾ Drum per hold
Very Poor Paint and/or Pitted Metal Surfaces with Heavy Rust	1500 m <sup>2</sup> per drum	¾ Drum per hold	1 Drum per hold

The above recommendations are based on past experiences. There is no scientific formula to determine the required amount of RBM HoldBlock for each vessel. There are several conditions that can affect the required amount; such as ability, efficiency and past experience of crew, hold conditions, weather conditions, height of application and equipment used.

Avoid contact with skin and eyes. Avoid breathing mist and vapors. Always wear protective gloves, goggles and masks. Keep away from oxidizers, acids and metallic powders. Refer to MSDS for more information.