

## **BARRIER PROTECTION FOR CORROSIVE and/or DIRTY CARGOS**

### **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 the bulkheads, 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, moving slowly. Apply to the tanktops before leaving hold.

If temperature is near 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.

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

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

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

### **APPLICATION HINTS - 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.

### **APPLICATION HINTS - PETCOKE**

For Petcoke, pay close attention to the “tide line” areas where the cargo tends to settle and stain.

### **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-HD to remove 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-HD.

### **AVERAGE DRUM COVERAGE (200L)**

Good Paint and/or Clean Metal Surfaces  
**Approx 2200 m2 per drum**

Poor Paint and/or Pitted Metal or Rusty Surfaces  
**Approx 1500 m2 per drum**