



## PLASTIC COATING™

### DESCRIPTION

**PLASTIC COATING** is a revolutionary bituminous highly viscous product, engineered to satisfy extremely demanding conditions. It is formulated with specific wetting agents, special inert additive compounds and advanced surface-active agents that form together to create, an adherent protective, homogeneous and elastic dense layer, that will protect all metal surfaces and spaces such as ballast tanks, bulk holds, dry holds, decks, docks, etc, against corrosion.

### ADVANTAGES AND CHARACTERISTICS

- ◆ Once applied it protects and keeps the coated surface free from corrosion.
- ◆ Enriched with fine rubber powder and is 100% water-soluble.
- ◆ Can safely be used on all metal surfaces and metal alloys.
- ◆ No negative effects on rubber or plastic compounds.
- ◆ Forms a flexible, elastic and long lasting coating with insulating properties
- ◆ Harmless to macro and microorganisms.
- ◆ Provides quick and reliable results, whilst being very stable.
- ◆ Cost effective, simple to apply and use.

### PHYSICAL PROPERTIES

**PLASTIC COATING** is a concentrated, bituminous base coating material consisting of special inert additives, wetting agents and surface-active agents.

Appearance/Color	: Viscous, Black color
Odor	: Odorless
Specific gravity	: 0.94 - 0.98 gr/cm <sup>3</sup> 20°C
Water content	: 48%
Solids content	: 52%
Oxygen uptake (mg/g)	: 0.97

### PACKAGING

Order Number	: 922001 (20 ltrs)
Container	: Steel drum

### APPLICATION AND USE

#### A. Dosing Procedure

**PLASTIC COATING** is applied in quantities proportional to the surface area to be covered, and should be diluted with 8–12% water.

Note that 1 liter of **PLASTIC COATING** can cover an area of approximately 2–3m<sup>2</sup> at a layer thickness of 220microns. However, in cases where the surface to be treated is new build then the quantity to use is smaller than for high pitting surfaces.

#### B. Preparation

**PLASTIC COATING** must be applied to a clean, dry surface, free of rust and any loose particles. Therefore the following steps must be taken:

1. Initially, remove loose rust scales and rust blisters either by a high-pressure water supply and/or by water/sand blasting, for heavy accumulation, use a high-pressure machine.
2. Apply under pressure, a **RUST SHIELD PHOS** solution with water at a ratio of 1:2, by use of spraying equipment.
3. Leave solution to act for 15 minutes and then wash thoroughly with a high pressure water source.
4. Let surface dry completely before applying the **PLASTIC COATING**. To assist with quicker drying, use a hot air fan.

#### C. Application Procedure

1. Make sure that the surface to be coated is dry and clean.
2. Dilute **PLASTIC COATING** with 8–12% water and mix very well.
3. Apply on the surface by a brush, after the product has been strained, so that to avoid any possible clogging.
4. Allow the coated surface to dry completely for at least 48 hours in dry environment and for at least 96 hours in a humid environment. However, always check the coating on daily basis. Longer time periods may be needed for drying, than those prescribed above.
5. After drying, ballasting is possible.



## TESTS AND APPROVALS

PLASTIC COATING has been tested and approved as specified by international testing methods by:

- ◆ BUREAU VERITAS
- ◆ DET NORSKE VERITAS
- ◆ HELLENIC REGISTER OF SHIPPING
- ◆ EFEH AND ASSOCIATES (non toxicity certificate)

## ! SAFETY AND HANDLING

<b>HANDLING</b>	Handle with care. Store in a dry, cool and well ventilated environment.
<b>SAFETY</b>	IMMEDIATE ACTIONS
<b>Eye Contact</b>	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
<b>Skin Contact</b>	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
<b>Inhalation</b>	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>If Swallowed</b>	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention.
<b>GENERAL INSTRUCTIONS</b>	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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