DESCRIPTION

RAM Underwater Primer consists of a unique blend of marine grade petrolatum hydrocarbon primer containing water displacing corrosion inhibiters, flow control additives and broad-spectrum biocides.
The primer is the key component of the RAM Marine System for the preparation of metal surfaces prior to wrapping. The RAM Marine System adheres to the substrate whilst displacing water, passivating steel, filling voids and ensures intimate contact between the RAM Marine Tapes and the substrate. The RAM Underwater Primer compound will not dry out or harden and is unyielding to moisture, acids, alkalis and salt solutions

USES

A modified formulation of RAM Underwater Primer for excessive moisture surfaces and marine application prior to wrapping.
It is very effective for underwater or on very wet metal surfaces such as pilings, risers and H - piles.

CHARACTERISTICS

RAM Underwater Primer is non-drying, non-hardening and nontoxic.
RAM Underwater Primer is impervious to water, applied to very wet or under water surfaces.
RAM Underwater Primer is highly resistant to mineral acids alkalis and salts. It will not support combustion, no V.O.C.'s.

DATA SHEET	
PARTICULARS	**PROPERTIES**
SPECIFIC GRAVITY	1.08
STORAGE TEMPERATURE	
RECOMMENDED APPLICATION TEMPERATURE	
OPERATION TEMPERATURE	< 55
FLASH POINT	210
COVERAGE	2 TO 4 m2 / KG
PACKAGING	4KG OR 20KG

APPLICATION

Remove dirt, grease, oil excessive moisture, frost, Loose rust, paint and foreign matter by hand and or power tool cleaning in accordance with SSPC SP2 or SP3.

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Certificate No. AU1247

Apply a thin, uniform film over the entire surface to be wrapped with gloved hand, brush and rag.

Apply a liberal coating to displace surface moisture, passivate surface oxides, fill surface imperfections and ensure adhesion between RAM Marine Tape and the substrate.

SSPC - STRUCTURAL STEELS PAINTING COUNCIL

Different types of coatings require different levels of steel surface preparation.

The most commonly agreed upon level of surface preparations, descriptions and uses are listed below :

SSPC NUMBER	SPECIFICATION	SURFACE PREPARATION	COMMON COATING MINIMUM SSPC REQUIREMENT
SSPC -SP1	SOLVENT CLEANING	For removal of oil, grease and other soluble materials prior to removal of mill scale ,rust and coating by other methods.	
SSPC-SP2	HAND TOOL CLEANING	For removal of loose mill scale , rust , and coating by hand sanding,scraping,chipping or other impacting.	DRYING OIL PETROLATUM
SSPC -SP3	POWER TOOL CLEANING	For faster removal of loose scale, rust , and by coating by power wire brushes, grinders, sanders, or impact tools.	DRYING OIL PETROLATUM