TRINEWASHIELD
PRIMER (EPOXY)
MARINE COATING

A two pack low VOC high build mastic surface tolerant epoxy coating reinforced with chemically inert pigment for application on manually cleaned steel surface for enhanced durability and corrosion resistance of steel structures in all corrosive environment including splash zone areas of offshore structures. This is suitable for maintenance coating as dry cargo holds, hulls and decks with excellent overcoating with aged coating .

Product Information

Color	Grey
Finish	Matt to satin
Flash Point	Above 23°C
Mixing Ratio	Base : Accelerator 4 : 1
Volume Solids	83 ± 2%
Recommended dry film thickness	100-150 microns
Corresponding wet film thickness	121-181 microns
Theoretical Spreading Rate	8.30-5.53 Sq.m/ltr per coat
Drying time	Touch dry 4 - 6 hours Hand dry 18 – 24 hours Full cure 7 days
Interval before Over-coating	Minimum 18 hours Maximum Indefinite
VOC	170 gm/ltr (EPA Method 24)
Storage Life	Up to 12 months so long as the material is stored in sealed containers under standard warehouse storage condition.
Dry Heat Resistance	Up to 150°C (Intermittent)

Surface Preparation

Steel Surface

Surface to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

It is always recommended to apply suitable primer coat before application of this product. Ensure surface to be coated is dried and followed over-coating interval and if required sufficiently roughened by emery paper.

This product can be applied after Hand & Power tool cleaning to St2 & St3.

For damage area rectification contact the Technical team of Trinewashield

Application Details

Method of Application

Conventional / Airless Spray.
Brush and roller for touch up painting

Notes on Airless Spray

Tip Range	Automatic - 21 - 26 thou. Manual - 15 – 21 thou.
Total Output	1500 – 2500 psi.
Fluid Pressure	(106 - 176 kg/sq.cm.)
Pot Life	2-4 hours
Thinner	Thinner 6756

Uses

Refineries, Petro chemicals, Fertilizer Plants, Power and Gas Plants, Marine Installations, offshore splash zone Structures, Bridges, Cranes , jetties & sluice gates etc.

Chemical Resistance Guide (with suitable top coat)

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	Good	Good	Excellent	Excellent	Excellent
FUMES & OUTDOOR EXPOSURE	Good	Good	Excellent	Excellent	Excellent

Health & Safety

Please refer to the separate data sheet available with detailed information.

Precaution

Provide adequate ventilation during application and drying. For proper curing of film, ambient temperature should not be lower than 10° C.

Standard Pack Size

4 & 20 litres - For available pack size contact local representative of Trinewashield

NOTES:

1. *This Product datasheet supersedes all previous datasheet and subject to change without prior notice*
2. *Do not apply when surface temperature is less than 3°C than dew point.*
3. *Mixing with mechanical agitator is strongly recommended*
4. *Use material within* stipulated *pot life*
5. *Do not apply paints when environment temperature rises above 50°C or when relative humidity rises above 85%. Do not apply during rain, fog or mist.*
6. *Use of thinners other than supplied or approved by Trinewashield may adversely affect product performance*
7. *Drying is dependent on temperature, relative humidity and thickness; ranges is given for considering those parameters*
8. *System Guide is a typical and for indicative purpose only, however this can have wide range of combination. For details, please contact Trinewashield*
9. *Request for details information of surface preparation, paint application on the recommended coating system*