

Provisional Data Sheet.

PRODUCT DESCRIPTION

Graphene enhanced primer for highly corrosive environments based on epoxy amine chemistry with aluminium flake.

A high-performance 2-pack primer that offers excellent anti-corrosion properties on properly prepared steel substrates in highly corrosive, harsh environments. Suitable for use as a primer under a wide variety of conventional finishes.

PRODUCT INFORMATION

Appearance	Grey paint
Mix Ratio (by volume)	3:1
Mix Ratio (by weight)	4.28:1
Volume Solids (%)	70.0
VOC Content (g/l)	250
Recommended WFT	250 microns / per coat
Recommended DFT	125-150 microns / coat
Number of coats:	1 coat for above water areas 2 coats for underwater (immersed) areas
Application Method:	Brush, Roller, Airless spray
Pot life (23°C):	75 minutes
Touch Dry (10°C):	5 hours
Touch Dry (23°C):	4.5 hours
Hard dry (10°C):	8 hours
Hard Dry (23°C):	6 hours
Induction Period:	None Required
Min. self-overcoating interval:	7 hours
Mixing:	Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.
Airless spray:	Tip Range 0.66-0.79 mm (26-31 thou)
Thinning:	Use a Xylene:Butanol blend (3:1) as necessary to manage viscosity. Maximum thinning 20%.

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SURFACE PREPARATION**Newbuild:**

All surfaces to be coated should be clean, dry and free from contamination. Abrasive blast clean to minimum Sa2

Maintenance and Repair:

Rinse the surface with fresh water to remove loose dirt, growth or any other contamination. Scrape away any loose paint that's in bad condition. Remove corrosion products with grinding or sanding, going down to clean metal. Any bare steel that's left needs to be sanded to help the paint scheme adhere to it. Power grind using 24-36 grit to a uniform, clean and bright metal surface. Remove any residues before application of the new system. Where bare steel has been exposed, the first coat of primer should be applied within 4 hours of surface preparation.

STORAGE

Store in accordance with local regulations. The product should be stored in the original container at room temperature in a dry, well-ventilated location away from direct sunlight. Keep away from incompatible materials and food and drink. Keep the container tightly sealed.

SAFETY

Wear appropriate PPE. Use the minimum quantity of product required for a particular process. Use only in well-ventilated areas, preferably in an enclosed system. Provide appropriate exhaust ventilation at places where aerosols/dust may be formed. Handle and open container with care. Keep in the original container or an approved alternative made from a compatible material. Always close containers tightly after removal of the product. Empty containers retain product residue and can be hazardous. Do not re-use container. Dispose of materials in accordance with local regulations.

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