



Provisional Data Sheet.

PRODUCT DESCRIPTION **Graphene enhanced primer based on epoxy amine chemistry with zinc phosphate.**

A high-performance 2-pack primer that offers excellent anti-corrosion properties on properly prepared steel substrates in harsh C4-C5 type 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
	Volume Solids (%)	52.5
	VOC Content (g/l)	500
	Recommended WFT	85-190 microns / per coat
	Recommended DFT	450-0100 microns / coat
	Number of coats:	1 to 2 coats as required
	Application Method:	Brush, Roller, Spray
	Pot life (23°C):	4 hours
	Touch Dry (23°C):	1.5 - 2 hours
	Hard Dry (23°C):	16 hours
	Mixing:	Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.
	Thinning:	Not required
	Cleaning:	Use a Xylene:1-methoxy-2-propanol blend (4:1)

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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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