

ABC GUARD 1610

Description	ABC Guard 1610: This is a two-component cured epoxy coating. It is a surface tolerant, high solids product. This product is tin table in a wide range of colors. Specially designed for areas where optimum surface preparation is not possible or desired. Can be used as primer, mid coat, finish coat or as single coat system in atmospheric and immersed environments. Suitable for properly prepared carbon steel, galvanized steel, stainless steel, aluminum, concrete and a range of aged coating surfaces.
Recommended use	Recommended to use above primer paint to improved protection against corrosion and environmental factors

Technical data

Colors	As Per Client requirements.
Finish	Semi-gloss
Volume Solid (ASTMD2697)	75±2%
Specific Gravity	1.55 ± 0.05 Kg/Lit. (of mix)
Theoretical Spreading Rate	8.6–13.0m ² /Lit.
Film Thickness	(Dry Film) 100-150 microns/Coat. (Wet Film) 167-250 microns/Coat.
Flash Point	25°C (when Mixed).
Flexibility	Good
Chemical Resistance	Excellent
Abrasion Resistance	Good
Water Resistance	Good

Drying Time

Drying Time @ 25°C (Temperature, humidity, air movement, film thickness and number of coats all affect The drying time.)	
Touch Dry	2 hrs.
Dry Tore coat/Overcoat	8 hrs.
Fully Cured	3days at 25c°

Advantages

Apply a high-performance topcoat over the primer to achieve a glossy finish, enhanced corrosion resistance, and improved surface insulation.

Surface Preparation

When preparing new surfaces, maintaining already coated surfaces or aged coatings it is necessary to remove all contamination that can interfere with coating adhesion, and prepare a sound substrate for the subsequent product.

Inspect the surface for hydro carbon and other contamination and if present, remove with an alkaline detergent. Agitate the surface to activate the cleaner and before it dries, wash the treated area using fresh water.

Paint solvents (thinners) shall not be used for general degreasing or preparation of the surface for painting due to the risk of spreading dissolved hydro carbon contamination. Paint thinners can be used to treat small localized areas of contamination such as marks from marker pens.

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Use clean, white cotton cloths that are turned and replaced often. Do not bundle used solvent saturated cloths.

Repair

Corroded areas should be power tool cleaned to St 3 or blast cleaned to Sa2 or better. Existing system should be dry and free from loose paint, salt, grease and other contaminants prior to over coating.

Miscellaneous data

Storage	The product must be stored according to ABC Regulations. The product Should be kept in cool and well-ventilated place, protected from heat and direct sunlight at temp 5 - 35°C. Containers must be kept tightly Closed.
Handling	Handle with care, mix well before use.
Shelf life	12 months, in original sealed container, with proper storage conditions.
Safety /health	- Ensure good ventilation during application and drying. - Avoid contact with skin and eyes. While painting it is advisable to wear eye protector. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. To remove splashes from skin; use soap and water or a recognized skin cleaner. - Keep out of reach of children. - Smoking in the area should not be permitted. Local safety regulations should be followed.
Issue No.& Date	(2)-April2024

APPLICATION DATA

Application Methods	Airless	Conventional Spray	Brush
Thinning / Cleaning of Tools	ABC Thinner		
Thinner (max Volum)	5 - 10%	10 - 15%	5 - 10%
Conv. Spray Requirements	Atomizing pressure: 40 psi		
Guiding Data for Airless Spray	Pressure: 2200 psi.		
Nozzle Size	0.018" – 0.020"		
Mixing Ratio (By Volume)	Base : Hardener 4parts : 1 (Mix thoroughly, keep for 10 – 15minutes)		
Pot Life @ 30°C (100 mL.)	8 hours (reduced at higher temperature) Note: Material may gel at elevated temperature.		

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Package		
	Actual Volume	Container Volume
ABC Zinc Rich Phosphate Primer Part A	16 L	20 L
ABC Zinc Rich Phosphate Primer Part B	4 L	5 L

Note: We warranty the quality of our product and this data sheet represents test results and practical experience obtained under controlled conditions. We reserve the right to change data without prior notice.

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