

EPOCOAT 703

Epoxy Based Zinc Rich Primer

GENERAL DESCRIPTION

AXEL EPOCOAT 703 is a two component epoxy zinc rich primer. It is supplied in pre- weighted packs ready for on-site mixing and use.

AXEL EPOCOAT 703 when cured will formed a hard, matt primer on the coated substrates.

RECOMMENDED USES

To provide as a primer for long term protection of steelwork such as:

- * Marine hulls
- * Superstructures
- * Structural steels
- * Steel pipes

Not Recommended: For immersion service, exposure to strong acids or alkalizes or un-top coated in severe corrosion exposures.

CHARACTERISTICS & ADVANTAGE

- * Durable - good resistance to abrasion
- * Excellent weather resistance
- * Ready and easy to be applied
- * Provide galvanic protection to steel substrates
- * Compatible with other coatings such as inorganic zinc or galvanized steel

COVERAGE

Theoretical coverage: 6.5 m² per litre at 75 microns dft.

COLOURS

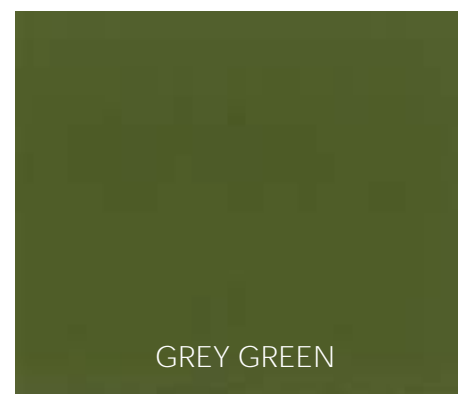
Grey green

PACKING

20 litre per set (Part A: 16 litre per pail Part B: 4 litre per pail)

STORAGE

Store in a dry, cool and shaded place



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SURFACE PREPARATIONS

Round off all rough welds and sharp edges. Remove all weld spatter. Abrasive blast clean in accordance with AS 1627-4 Class 2.5.

Inorganic zinc surfaces to be repaired must be fully cured, clean and free from moisture. Cleaning may require spot blasting. Solvent washing is unsatisfactory.

For previously painted surfaces, care should be taken to ensure a clean surface free from dust, dirt, grease and other undesirable residues. Flaking paintworks if any, should be scrapped off to firm edges before painting.

METHOD OF APPLICATION

*Brush, Roller and Spray.

*Stir thoroughly the Part A and Part B before and throughout the application.

*Where top coating is recommended, **AXEL EPOCOAT 703** should be allowed to cure at least 8 hours at 25°C.

* Once mix that shows sign of stiffening, **AXEL EPOCOAT 703** mixture should be discarded. Mixing according to required usage to prevent material wastage.

CLEANING OF TOOLS

Clean all tools and application equipment with solvent immediately after use. Hardened and or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of components	Two
Mixing ratio	By volume 4 Part A : 1 Part B
Pot life	2.5 hours at 24°C and less at higher temperature
Volume solids	48%
Thinning	Not more than 10% of AXEL THIN
Recommended dry film thickness	75 microns per coat
Drying time (28°C)	Tack Free 3 hours To topcoat 8 hours. Fully cure 7 days
Topcoat required	Epoxies or compatible topcoat coating systems

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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