

EPOSEAL 705

High Solid Epoxy Coating

GENERAL DESCRIPTION

AXEL EPOSEAL 705 is a two components high solid epoxy general maintenance coating.

It does not require any top coating, which can be applied to new or old steel, requiring only the removal of loose rust and scale.

AXEL EPOSEAL 705 when cured will form a hard abrasion resistant and semi-gloss finish on the coated substrates.

RECOMMENDED USES

To provide as a high solid coating to areas where blasting is impractical or impossible:

- * Marine hulls, structures and decks
- * Steel pipes
- * Steel structures
- * Topsides
- * Superstructures
- * Oil refineries

CHARACTERISTICS & ADVANTAGES

- * One coat and high build application
- * Minimal surface preparation
- * Ready and easy to be applied
- * Excellent adhesion property
- * Low solvent content
- * Self-priming
- * Unharmed by splash or spillage of fresh or salt water. Not recommended for continuous immersion.

COVERAGE

Theoretical coverage: 4.8m² per litre at 125 microns dft.

COLOURS

Black, Light Grey

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

SURFACE PREPARATIONS

Round off all rough welds and sharp edges. Remove all weld spatter, loose rust and scale. If required 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.

*Apply in even wet coats, overlapping each pass by 50 %. Cross pass to build full thickness. To minimize or eliminate solvent bubbling on freshly applied zinc primers, allow approximately one minute between cross passes. Give special attention to welds, seams and corners. Excessive thickness should be avoided to prevent disbandment of the coating.

*Where second top coating is recommended, **AXEL EPOSEAL 705** should be allowed to cure at least 8 hours at 25°C.

*Once mix that shows sign of stiffening, **AXEL EPOSEAL 705** mixture should be discarded. Mixing according to required usage to prevent material wastage.

CLEANING OF TOOLS

Clean all tools and application equipment with water 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 (28°C)	2.5 hours at 24°C and less at higher temperature
Volume solids	60 %
Thinning	Not more than 10% of AXEL SOLVENT 914
Recommended dry film thickness	125 microns per coat
Drying time (28°C)	Tack free 3 hours Recoat 8 hours Fully cure 7 days

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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