



DESCRIPTION

FACTORep EZP is a two component epoxy based zinc rich system that provides a protective and anti-corrosive coating to structural steel and rebar.

TYPICAL USES

FACTORep EZP, a zinc rich primer is used as part of a repair or coating system for structures in aggressive environments in a wide range of applications. It has been designed for use in maintenance and repair situations and as a protective coating in new construction.

ADVANTAGES

- Rich in zinc content
- Protects from corrosion
- Long pot life
- Fast surface drying time
- High coverage rate
- Can be applied by brush or spray
- Good abrasion resistance
- Very good adhesion to most substrates
- Does not act as a barrier between steel and concrete

TECHNICAL DATA

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component Two:		Part A – Base Part B - Hardener
Mixed Form		Liquid
Colour		Grey
Mixed Density	ASTM D1475	1.80+/- 0.05 kg/ltr
Potlife		70 +/- 10 mins
Surface Dry	ASTM D2939	20 mins

PROPERTY	TEST METHOD	VALUE
Hard Dry	ASTM D2939	Minimum 60 mins
Recoat Time		4-48 hrs
Application Temperature		+5°C to +40°C
Service Temperature		+5°C to +70°C

APPLICATION

SURFACE PREPARATION

Surfaces should be dry, clean, and free from standing water, grease, curing compounds, mould oils and all loosely adhering particles. Cement laitance should be removed by mechanical means. Steel surfaces should be grit blasted or wire brushed. All rust particles should be removed.

MIXING

Material is supplied in two containers as a unit. Stir individual components to disperse any settlement. Mix base component with the hardener component using a slow speed drill machine fitted with paddle till a homogeneous mix is obtained. Always mix a complete unit in the proportions as supplied.

APPLICATION

FACTORep EZP should be applied to the rebar or steel as soon as possible after the material is mixed and within its pot life. In concrete repair situations ensure the rebar is coated all around. If the coating is broken, re-apply a second coat after the first is dry (between 30 and 60 minutes). The primed surface once fully dry should be coated or covered with repair material. If in industrial or marine environments the repair material should be placed within 48 hours. If application of repair mortar/concrete is delayed beyond 48 hours additional coat of FACTORep EZP may be required. It can be applied by using a brush or spray. For spray application, viscosity has to be maintained. To achieve the required



viscosity, PAC Technologies Thinner can be added in the range of 5-10%.

RECOMMENDED COAT

Single coat at 110 micron wft (50 micron dft). In aggressive environments additional coats may be required.

PACKAGING AND YIELD

1 ltr, 3 ltr and 5 ltr

COVERAGE

9 m²/ltr/coat at 110 micron wft (50 microns dft)

STORAGE AND SHELF LIFE

Shelf Life 12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

EQUIPMENT CLEANING

Clean all equipments and tools with PAC Technologies Cleaner.

HEALTH AND SAFETY

PPE's: Gloves, goggles and suitable mask must be worn.

Precautions: Contact with skin, eyes, etc. must be avoided. If

swallowed seek medical attention immediately.

Hazard: Regarded as hazardous for transportation.

Disposal: Do not reuse containers. To be disposed off as per local rules and regulations.

For additional Information, please refer to MSDS available on request.



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