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PRODUCT DATA SHEET (Apr 2010) EPOXY ZINC PHOSPHATE PRIMER

Description

Retek Epoxy Zinc Phosphate is a primer and is in effect cold galvanising. The Zinc metal in the coating has the effect of coating the steel surface with Zinc metal due electrochemical action affording a protection similar to that given by hot galvanising. Cures to a hard tough film.

Recommended uses

General anticorrosive two component primer over steel surfaces. Retek Epoxy Zinc Phosphate primer may also be used as an intermediate coat, with a Retek Poly urethane top coat. Used for structural steel, pipes in the petrochemical and chemical processing and other facilities.

Colours: Green, Grey

Preparation

- Sandblast surfaces to ISO-SA2½ blasting profile 40-70 microns or power clean as per SANS 10305-5:2005 3.2.1.4

Application

- Mix part A separately, then add part B and mix thoroughly.
- Thinned with Retek Thinners 30 if necessary.
- Use air spray with sufficient air volume and a 1,8-2mm nozzle.

Coverage

± 8m²/kg – 50 microns dry film thickness
Recommended humidity - 50

Volume Solids

The minimum dry film thickness should be a minimum of 70 microns. The product will contain approximately 60% solids by volume, unless otherwise stated.

Drying Time

5 Hours at 20°C

Shipping weight

- Part A + B – 5kg
- Retek Thinners 30 – 5kg