



Expancote* Zinc Galvanize

Zinc rich cold galvanizing coating

Uses

To provide a galvanic protection on iron and steel. It can be used as a self-finish or as a durable rust inhibiting primer beneath selected top coats. It is recommended for the protection of structural steelwork, agricultural and construction plant and machinery, gates, railings, iron pipe work and guttering, rust prevention of in-situ welding work and may also be used as a rebar primer.

Advantages

- Protects ferrous metals
- Suitable as a primer or self-finish
- Prevents rust creep
- Easily applied by brush or roller

Description

Expancote* Zinc Galvanize zinc rich coating is formulated as an easily applied, cold galvanizing protection against corrosion on all ferrous metals. Expancote* Zinc Galvanize has a mid-grey, matt finish.

Technical support

Expanchem Fospak offers a comprehensive range of high performance, high quality repair, maintenance and construction products. In addition, Expanchem Fospak offers a technical support service to specifiers, end-users and contractors as well as on-site technical assistance.

Design criteria

Expancote* Zinc Galvanize should be applied in two coats when employed as a self-finish and one coat when used as a primer. To achieve the correct protection, Expancote* Zinc Galvanize must be applied on the substrate at the coverage recommended.

Properties

Pigment volume concentration	: 80%
Flexibility (BS4652:1971)	: No cracking, flaking or detachment from substrate was observed
Zinc content by volume on dry film	: 61%
Zinc content by weight on dry film	: 90%
Drying time (BS 4652:1971)	: <1 Hour
Recoating time	: 24 hours minimum
Salt spray test (BS 4652: 1971)	: No sign of blistering or discolouration on the surface after 10 hours exposure
Resistance to Impact (BS 4652: 1971)	: No damage was sustained under impact

Specification

The anticorrosive primer shall be Expancote* Zinc Galvanize, a zinc rich material specifically designed to provide a rust inhibiting protection to ferrous metalwork.

Instructions for use

Preparation

All ferrous surfaces must be clean and free from oil, grease, mill scale, rust and existing coatings. This is best achieved by grit blasting, although thorough wire brushing can be sufficient. Some rust removers based on phosphoric acid tend to leave an electrically insulating film on ferrous metals and must not be used.

Mixing

Expancote* Zinc Galvanize must be thoroughly stirred to give a uniform product prior to application. It is recommended that the contents are stirred periodically during application to avoid settlement.



CONSTRUCTION CHEMISTRY

* Denotes the trademark registered.

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