

ZP Primer



100% solids zinc phosphate primer

“maintenance made easy”



PRODUCT DESCRIPTION

ZP Primer is a 100% solids zinc phosphate primer. The two-pack solvent free epoxy resin is designed for use on metal however can be used on most surfaces. It has excellent adhesion, is non-toxic and non-taint, and is extremely easy-to-apply.

ZP Primer is excellent for use on steel and ferrous metals and can be overcoated with any of the Polycote Flortex top coat range. It is also highly chemical resistant.

DIRECTIONS FOR USE

SURFACE PREPARATION

Thorough substrate preparation is essential.

Recommended methods are:

Loose paint or rust – remove, using a Vacuum Assisted Shotblaster, Floor Grinder or equivalent mechanical abrasion method. All loose/flaky paint and rust must be removed before coating.

Oil or grease – chemically clean with Polycote Degrease IT then rinse thoroughly and allow to dry. **See relevant Data Sheet prior to application.**

Existing Paint – this should be fine, as long as the area is clean and dry, however we advise that a test patch is carried out prior to fully overcoating.

ONCE PREPARED, THE AREA MUST BE KEPT CLEAN AND FREE OF TRAFFIC.

TYPICAL USES	Due to its outstanding surface wetting properties, ZP Primer is excellent for use on metal. Being solvent-free, non-toxic and non-taint, ZP Primer is ideal for use in medical, animal, food-processing and working environments. Typical applications include warehouses, factories, workshops, laboratories and chemical bunds.
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SUITABLE SUBSTRATES	ZP Primer has been developed specifically for steel and ferrous metal surfaces.
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COLOUR	ZP Primer is grey in colour.
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PACKAGING	ZP Primer is supplied in pre-measured quantities as a two part 5.0kg unit, comprising an epoxy resin blend Part 'A' and hardener Part 'B'.
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DIRECTIONS FOR USE Cont.**MIXING**

Having fully prepared the substrate, stir the individual components before mixing together.

Add part 'B' to part 'A' and thoroughly mix for at least 3 minutes.

For best results use a slow speed drill with a mixing paddle.

ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.

APPLICATION

Apply by brush, roller or squeegee, making sure that the surface is completely covered.

Particular attention should be given to doorways and other areas of high traffic.

When finished, **DO NOT** scrape the remaining contents from the container as this will invariably include unmixed raw resin.

POT LIFE

ZP Primer has a pot life of approximately 30 minutes at 20°C.

CURING TIMES @ 20°C

ZP Primer has an initial cure time of approximately 6 hours depending on temperature. Will accept light traffic after 24 hours.

To ensure a good intercoat chemical bond, overcoat within 24 hours.

Full strength is achieved after 7 days.

APPLICATION TEMPERATURE

Normal application temperature is between 10°C and 30°C. Surface temperature must be above 5°C.

COVERAGE

The coverage of ZP Primer is approximately 20-25m² per 5kg at 200 microns thickness, depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet with Solvent Cleaner.

Hands and skin should be cleaned immediately with Organic Hand Cleaner.

SHELF LIFE & STORAGE

Shelf life in unopened containers is approximately 12 months subject to conditions of storage.

Store in a cool, dry, frost-free environment away from sources of ignition, not below 15°C.

CE	
Polycote UK, Centre Point, Wolsley Road, Woburn Road Industrial Estate, Kempston, Beds MK42 7EF	
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BSEN 13813 SR B 2.3 Resin coating/screed for use internally as per Polycote data sheet	
Bond strength:	B 2.3

HEALTH AND SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline
01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

REV: 06/17

