

PS Zinc Rich Primer

an epoxy-based, two-component, zinc-rich primer



Description	PS Zinc Rich Primer is a two-component, zinc-rich epoxy-based. This primer shall be an active type having zinc content of greater than 90% in dry film state which can negate the generation of incipient anodes in the areas surrounding the repairs. It shall be compatible with all types of repair mortars. It is recommended for use where chloride-induced attack on steel is likely.
Uses	<ul style="list-style-type: none">▪ It can be used as a protective coating to steel reinforcing bars in concrete structures.▪ It can be used as primer for steel substrates prior to the suitable top coating.▪ Also used as a touch-up primer for damaged galvanized metal.
Characteristics / Advantages	<ul style="list-style-type: none">▪ It provides positive protection of steel components against corrosion.▪ Having excellent adhesion to steel.▪ It shall take a short over-coating time.

Product Information

Packaging	5kg and 20 kg two component pack
Appearance	Thick grey liquid
Shelf life & Storage Conditions	The product has a shelf life of 12 months from the date of manufacture if kept in a dry storage in the original, unopened bags. Store unopened bags in cool dry internal conditions. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced to less than 12 months.

Mechanical / Physical Properties

Typical properties	Mixed Density	2.3 kg/litre
	Volume of solids	50%
	Mixing ratio by weight	(B:H) 95:5
	Overcoating time	4 hrs. at 25°C 2 hrs. at 40°C
	Pot life	> 2 Hour @25° C
	Dry film thickness per coat	50 microns
	Total zinc content in dry film	> 90% by volume

Application Details

Coverage	One liter of PS Zinc Rich Primer can cover 5-6 m ² /coat on smooth surface.
Surface preparation	The application surfaces should be dry. The steel surfaces should be sand/grit blasted or wire brushed to remove all traces of corrosion.

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Application Instructions

Mixing

Stir well before use both the components of PS Zinc Rich Primer. Add hardener to base & mix with the help of drilling machine fitted with mixer.

Application

Apply by brush PS Zinc Rich Primer on to the prepared surface, ensuring uniform & full coverage, particularly on the back face of face of reinforcement. Apply second coat immediately after the drying of first coat for achieving continuous film on to the surface. Repair mortar can be applied after drying of PS Zinc Rich Primer.

PS Zinc Rich Primer is not a decorative coating. Protection to the steel will be provided for some time, over coating should be carried as soon as possible, particularly in aggressive environments. All tools should be cleaned with cleaning solvent immediately after use.

Health & Safety Information

For Information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

During use, avoid inhalation and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces).

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Legal Notes

The information and in particular the recommendations relating to the application and end use of products are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with recommendations. In practice the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information or from any written recommendations or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose reserves the right to change the properties of its products. The Proprietary rights of third Parties must be observed. All orders are accepted subject to our current terms of sale and delivery.

Users must always refer to the most recent issue of the local product Data sheet for the product concerned copies of which will be supplied on request.

IPSS Industrial Products

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