

Heavy duty anti-corrosive zinc-rich phosphate primer

PRODUCT

weberep 501 ZRP is a two-component epoxy high-build zinc-rich phosphate primer with rust inhibiting properties. It is used as an anticorrosive primer suitable for a wide range of high performance topcoats. It is easy to apply and has a fast drying time. After application, it shows excellent abrasion resistance which minimizes transit and handling damage.

SCOPE OF USE

weberep 501 ZRP is a primer on steel in high performance anticorrosive systems. It can be used on reinforcement steel while repairing concrete, or for repairing damaged galvanized steel surfaces.

CHARACTERISTICS

Mixing	4:1 Resin Hardener in volume
Density of mix	1.4 ± 0.05
Color of final product	Grey
Volume Solids	53% ± 2
Dry film thickness/coat	75 - 100 microns
Wet film thickness/coat	140 - 190 microns
Theoretical Coverage	5 - 7 m ² /l (depending on the thickness)
Pot life 23°C	8 hrs
Drying time at 23°C	
Touch dry	1 hr
Dry to recoat	8 hrs
Fully cured	7 days

weberep 501 ZRP will not cure adequately below 5°C. Maximum performance is reached above 10°C.

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

The substrate must be sound, clean, free from all greasy matter, and free from oxidation. Grease and oil should be removed.

Where necessary, remove weld spatter and smooth weld seams or sharp edges.

ABRASIVE BLAST CLEANING

Abrasive blast provides a good cleaning to metallic surfaces, and removal of oxydation and weld spatters. Surface defects revealed by the blast cleaning process should be sound, filled or treated in the appropriate manner.

SHOP PRIMED STEEL WORKS

If the zinc of shop primer shows extensive or widely scattered breakdown, overall sweep of blasting will be necessary.



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
4 Lit	4 Lit	4 Lit	4 Lit	4 Lit	4 Lit	4 Lit	4 Lit
20 lit	20 lit	20 lit	20 lit	20 lit	20 lit	20 lit	20 lit

Other types of primer would require complete removal by blast cleaning.

PRODUCT APPLICATION

Mix the two components thoroughly. Apply in one coat. Types of application: Brush, Roller, conventional spray, airless spray.

weberep 501 ZRP must be clean, dry and free of zinc

STORAGE

weberep 501 ZRP can be stored for 18 months in its original sealed container, in cool and dry conditions.

SAFETY PRECAUTIONS

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO2 foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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