Crosbe
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3 Viewbrook Close, Seven Hills

Technical Data Sheet

CROSpatch ZR Primer

CROSpatch® ZR Primer is a single pack epoxy-based zinc rich primer offering outstanding corrosion resistance and protection for steel. The high zinc content provides cathodic protection in a sacrificial manner to prevent spread of corrosion in the event of minor damage.

Recommended Uses:

- Indoor and external applications.
- Residential and commercial applications.
- New construction and concrete repair applications.
- Suitable for use with CROSpatch range of repair mortars, where the use of a metal primer is required.

Advantages:

- Designed to be used in a wide range of applications, including harsh environments.
- Particularly suited to coating reinforcing steel, prior to application of CROSpatch® range of repair mortars.
- Easy application via brush or roller and can be sprayed.
- Excellent bond onto properly prepared metal surfaces.
- Fast Drying.

Surface Preparation:

All surfaces to be painted should be clean, dry and free from rust, mill scale, oil, grease, existing coatings and any other contaminants. **CROSpatch® ZR Primer** should be applied only to clean bare metal, abrasive blast cleaned to AS1627.4 Class 2. However, satisfactory results will be obtained with this coating over wire brushed steel, providing the surface is free of all mill scale and rust and other contaminants.

Application:

It is recommended that the **CROSpatch® ZR Primer** be stirred well to a uniform consistency before use.
For application using a soft brush or roller, apply **CROSpatch® ZR Primer** neat, applying an even coat across all areas and allow primer to dry, at the recommended coverage rate. Secondary coats of primer are not recommended, as the coverage rate can be achieved with a single coat.
If the **CROSpatch® ZR Primer** is required to be spray applied, it must be first reduced 15-20% using Xylene. Ensure the reducing solvent is mixed in thoroughly, to achieve a uniform consistency. Spraying the product which has been reduced may require a secondary coating if the recommended coverage rate of 50 microns dry film thickness is not achieved.

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Coverage:

CROSpatch® ZR Primer will cover approximately 8 m²/Litre, applied at 50 micron dry film thickness. The ultimate coverage will depend on the surface smoothness and finish on the metal surface after preparation.

Drying Time:

CROSpatch® ZR Primer is touch dry in 45 minutes, hard dry in 4-6 hours. Allow 24 hours before application of any CROSpatch repair mortars.

Packaging:

CROSpatch® ZR Primer is available in 1L metal tins, in cartons of 6 x 1L.

Shelf Life & Storage:

Shelf Life:
The shelf life of the product is 12 months from the date of manufacture, if stored indoors in accordance with recommended storage conditions.
Storage:
Store in dry conditions, in unopened and undamaged plastic containers and in temperatures below 30°C and above 10°C. Keep off cold floors and out of direct sunlight.
is available in 1L metal tins, in cartons of 6 x 1L.

Clean Up:

Wash all brushes, rollers and spray equipment in xylene, immediately after use.

Precautions:

- Do not apply CROSpatch® ZR Primer if rain is imminent.
- Do not apply CROSpatch® ZR Primer in temperatures below 10°C or above 30°C.

Safety Precautions:

SAFETY: Keep out of reach of children. Read carefully and follow all instructions. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and all other equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing including eye/face protection.

FIRE: If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

SPILLS & LEAKS: Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums. Refer to State/Territory Land Waste Management Authority for disposal.

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FIRST AID: If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766). If medical advice is needed, have product container or label at hand. SWALLOWED: If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice. EYE: If in eyes, hold eyes open, rinse cautiously with water for at least 15 minutes and see a doctor. SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice. INHALED: Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical advice.
For detailed information, refer to the SDS for CROSpatch® ZR Primer.

Contact Crosbe:

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Important Notice:

A Safety Data Sheet (SDS) is available from the Crosbe website (crosbe.com). Please read the SDS carefully prior to using this product. In an emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia).

Product disclaimer:

Recommendations and advice regarding the use of this product are to be taken as a guide only. The manufacturer of this product and any of its affiliate companies cannot be held responsible for any loss or damage arising from the incorrect usage of this product. The use of this product is beyond the manufacturers control, and liability is restricted to the replacement of material should the product be proven faulty. The information contained herein is to the best of our knowledge, true and accurate. We reserve the right to update information without prior notice. No warranty is implied or given to its completeness or accuracy in describing the performance or suitability of the product for a particular application.