

TECHFIN METAL PRIMER

HIGH ALKALINITY PROTECTION FOR EXPOSED STEEL

DESCRIPTION

Steel reinforcing that has been exposed to oxidation must be protected and the safest method to accomplish this is by replacing the alkalinity of the concrete which has spalled away. TECHFIN METAL PRIMER is a cementitious resin system with enhanced alkalinity to provide a shield which is necessary to re-instate the protection. Protected steel has sufficient alkalinity from the primer for an extended lifespan without spalling again.

ADVANTAGES

- Water based
- Self-priming
- Extended open time
- Ease of application - brush applied
- Non-toxic and non-tainting
- Exceptional Adhesion
- Economical
- Easy to clean

APPLICATION

- Suitable for any exposed reinforcing steel surfaces prior to plastering
- For the use in concrete, brick or block floors and walls.
- Most applications where it is not feasible to remove or replace reinforcing still in good condition.

TECHNICAL DETAILS

Appearance	Grey powder with pink liquid
Working Time	1 hour at 20°C
Setting Time	40-45 minutes
Over-coating Time	2 hours
Application Temp.	10°C to 25°C
Number of Coats	1 coat
Bridging Capability	Maximum 2mm gaps
Yield	0.8L per 1.4Kg Kit
Coverage	0.5m ² per Kit
Toxicity	Non-toxic, non-tainting

WATCH POINTS

TECHFIN METAL PRIMER should not contact aluminum or galvanized surfaces.

PACKAGING

A two component kit consisting of a liquid and powder to be mixed as supplied.

SHELF-LIFE

Powder: One year if kept in a closed container in a cool, dry place.

Liquid: Six months is kept in a closed container in a cool place.

DIRECTIONS

PREPARATION

Surfaces to be sand blasted or wire brushed clean and shiny, free of dust, oily residues and loose friable material. High pressure or grind off loose materials. Surfaces can be damp but not wet on application.

PRIMING

Used as a primer

MIXING

Mix the liquid with the powder in the bucket provided to a slurry. Mix the slurry continually to keep the aggregate from settling while applying a liberal, even coating with a brush or to surfaces requiring priming. Ensure all surfaces are completely covered. Allow to dry for 2 hours prior to plastering over.

SEALING

Not required. Surfaces are usually plastered or screeded closed.

PRECAUTIONS

When plastering or screeding over the TECHFIN METAL PRIMER, ensure that air is not entrapped around the primer or around the reinforcing. Work out any air bubbles before allowing the screed or plaster to set in place.

CLEANING

Clean all tools and equipment with water.

STORAGE

Store the kit in a cool, dry place out of direct sunlight and where there is no exposure to damp and humidity.

SAFETY

Wear gloves when working with this product. Avoid direct skin contact.

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