



Tecpatch CR Primer

Surface Hardener and Corrosion Inhibitor Aqueous Solution

USES

As a performance and durability enhancer of existing Concrete structures, densifies and hardens the surface layer.

As a primer for most Cementitious Renders and polymeric coatings.

BENEFITS

- Increase the bond strength of the Renders and polymeric coatings
- Enhances concrete protective properties against steel reinforcement corrosion
- Increases surface hardness, impermeability, and durability
- Stops surface dusting
- Suitable for most after trades

TECHNICAL SUPPORT

Aitken Freeman offers a comprehensive range of high quality, high performance construction products. In addition, Aitken Freeman offers technical support to users and specifiers, and can arrange on-site visits to end users and contractors.

PREPARATION

Tecpatch CR primer must be applied to a clean surface free from contaminants. Pressure washing is recommended as minimum preparation

MIXING

Tecpatch CR Primer requires no mixing can be applied direct from the drum.

PROPERTIES of Treated Concrete

Friction abrasion Resistance according to Russian Federation Standard 13087 (Analogue of DIN 52108)	Mass loss reduced by 40 times
Impact Abrasion Resistance according to AS/NZ 4456.9-2003	Abrasion Resistance Increased
Chloride Ion Diffusion according to NT Build 443 1995-11	Reduced approximately two times
Reinforcement Corrosion Inhibition according to Polarisation Curves Method	Steel Reinforcement is passivated and hence corrosion is inhibited
Water absorption according to Taywood Engineering test	Absorption is decreased by approximately 25%
Water retention for new hardening concrete according to AS:3799 - 1998	Water loss is reduced by approximately 20%
Slip Resistance according to AS/NZ 4586-2004	Unchanged by treatment

INSTALLATION

Tecpatch CR Primer is normally applied as a single coat at a rate of 3-5m² per litre. If a second coat of the primer is required due to badly degraded concrete. The second coat can be applied 2-4 hours later when the first coat is fully impregnated into the concrete.

CURING

Not applicable. Treated Concrete can be put into service as soon as the surface is dry.

CLEAN UP

All equipment should be cleaned immediately after use with clean water.

STORAGE

Tecpatch CR Primer should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months.

ESTIMATING & SUPPLY

Tecpatch CR Primer is available in 5 litre or 20 litre plastic containers.

Product coverage is approximately 3-5 5m² per litre. Coverage will vary depending on the condition and texture of the concrete substrate.

PRECAUTIONS

Always read the product data sheet, MSDS and product label prior to use of this material.

Protect product from freezing by storing inside a site shed or warehouse.

Material Safety Data Sheets (MSDS) are available to users of Aitken Freeman products on request. Please ensure you have read this data sheet, the MSDS, and the product label carefully before first use of any product.

ALLIED PRODUCTS

Aitken Freeman manufactures a broad range of construction products and can supply the following:

- Grouts and anchoring systems
- Epoxy Surface Coatings
- Admixtures for concrete
- Adhesives & Sealants
- Floor toppings
- Floor levelling compounds
- Concrete Repair materials
- Waterproofing solutions

Refer to Material Safety Data Sheet for precautions and personal protection

Disclaimer: Any advice, recommendation, information, assistance or service provided by Aitken Freeman P/L in relation to goods manufactured or supplied by them or their use and application is in good faith and is believed by Aitken Freeman P/L to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Aitken Freeman P/L is provided without liability.

Locations:

Vic

Factory 7
7 – 9 Brough St
Springvale.Vic.3171
Ph: 03 9701 3955

WA

6B Chalkley Place
Bayswater.WA.6053
Ph. 1300 816 711

Website

www.aitkenfreeman.com