GROUTS

EUCOCRETE ACTIVATOR

SURFACE HARDENER AND CORROSION INHIBITOR - AQUEOUS SOLUTION

EUCLID CHEMICAL

PACKAGING

5 Litre Pail

20 Litre Pail

SHELF LIFE

12 months when stored as recommended in original unopened packaging.

STORAGE

Store in original, undamaged packaging in a clean, dry, protected location. Stir well before use.

DESCRIPTION

Eucocrete Activator is a chemically blended aqueous solution, free of chlorides, especially formulated as a Penetrative Corrosion Inhibitor that significantly hardens the surface and increases the durability of concrete and enhances bond of toppings.

PRODUCT CHARACTERISTICS

AREAS OF USE

- Restoration of degraded concrete surfaces
- Approved to use on Heritage sites
- Dust proofing of factory floors
- Surface hardening and abrasion resistance of concrete surfaces - floors, road works, bridge decks etc
- Reinstatement of poorly finished concrete
- Primer for cementitious renders
- Water retention agent for new hardening concrete
- Does not require a dry surface
- Withstands a water head of 50 metres

PRIMARY APPLICATIONS

As a performance and durability enhancer of existing concrete surfaces:

- Repairs hair line cracks in concrete
- Densifies and hardens the surface layer
- Stops surface dusting
- Increases impermeability, chemical resistance and durability
- Restores the protective properties of the concrete against reinforcement corrosion

On new hardening concrete:

- Reduces water loss by approximately 20%
- Promotes efficient cement hydration
- Stops surface dusting
- Reduces surface cracking
- Increases surface hardness, impermeability and durability
- Enhances concrete protective properties against steel reinforcement corrosion

As a primer for most cementitious renders and polymeric coatings:

- Increases the adhesive bond strength of the renders and polymeric coatings

As a treatment of brickwork joints:

- Works as a hardener and durability enhancer of brickwork joints

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

PROPERTY	STANDARD	TYPICAL VALUES
Friction Abrasion Resistance		Mass loss is reduced by up to 40 times
Impact Abrasion Resistance	AS/NZS 4456.9-2003	Abrasion resistance is increased
Chloride Ion Diffusion	NT Build 443 1995-11	Reduced approx two times
Reinforcement Corrosion Inhibition	Polarisation Curves Method	Steel reinforcement is passivated and hence corrosion is inhibited
Water Absorption	Taywood Engineering Test	Absorption is decreased by approx 25%
Retention for new hardening concrete	AS 3799-1998	Water loss is reduced by approx 20%
Slip Resistance	AS/NZS 4586-2004	Unchanged by treatment

WARRANTY: Tremco CPG Australia Pty Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG Australia written instructions and (b) in any application recommended by Tremco CPG Australia, but which is proved to be defective, will be replaced free of charge. Any information provided by Tremco CPG Australia in this document in relation to Tremco CPG Australia's goods or their use is given in good faith and is believed by Tremco CPG Australia to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. Tremco CPG Australia makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.

DIRECTIONS FOR USE

Substrate Preparation: Eucocrete Activator must be applied to a clean surface free of contaminants. Pressure washing is recommended as minimum preparation. Prepared surface shall be Saturated Surface Dry (SSD), free of standing water.

Application: Eucocrete Activator is normally applied as a single coat, coverage rate approximately 3-5m² per litre. Double coating is deemed necessary for badly degraded concrete, the second coat can be applied after 2-4 hours, when the first coat is fully impregnated into the concrete.

Curing Time: Treated concrete can be put into service as soon as the surface is dry.

PRECAUTIONS/LIMITATIONS

- Not suitable for use as a curing compound (not tested to AS3799).
- In all cases, the safety data sheet (SDS) must be read and understood prior.

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