

ELCO Tuff - Coat

2 Pack Water Based Protective Coating System

THE PRODUCT

ELCO Tuff-Coat is the product of advanced water borne coatings technology which results in a highly resilient, permanent protective coating system.

This easy to use, two-pack water based coating formulation is based on high quality polyurethanes whose inherent hardness and chemical resistances will ensure long term protection of all types of structures and surfaces.

PROPERTIES

- long term permanent protection
- environmentally friendly
- apply over acrylic and enamel paints.
- chemical removal of stains
- low odour
- excellent adhesion to most substrates
- re-coatable
- non - yellowing & UV resistant
- long pot life
- fast curing rate
- stringent quality control procedures
- Australian owned and made
- Water based system

TECHNICAL DATA

Product:	clear or coloured
gloss level:	matt or gloss
specific gravity:	1 - 1.3
mixing ratio:	3 : 1 by weight
solids (mixed):	45 - 60% weight
DFT:	100 micron
usage:	10 -14 m ² / litre per coat
dust free:	30 minutes*
ready for handling:	4 – 6 hours*
through cured:	3 - 5 days*
pot life:	3 - 4 hours*
Pack Size	1lt and 4lt

* depending upon relative humidity, air circulation, temperature and film thickness

APPLICATION

Surface preparation - Remove any dust oil or contaminants which may inhibit optimum adhesion. Masonry must be primed prior to application to ensure optimum adhesion.

Previously coated surfaces must be cleaned, sanded and a trial patch must be coated to evaluate adhesion.

Mixing - Mixing ratio is 3:1 by weight (3 Part A : 1 Part B)

* Mix Part B into Part A and stir thoroughly until the mixed product has a uniform consistency. (It is recommended that a mechanical stirrer to achieve optimum uniformity).

* **Do not thin** as the application viscosity will be altered and necessary film thickness will not be achieved.

Application : by roller, brush or spraying.- 100 micron DFT (2 x 50 micron coats required for optimum protection). Generally this can be achieved by applying TWO thick roll coats.

* Ensure surface is dry before recoating. Generally 2 hours is sufficient however the drying time varies greatly with climatic conditions.

Application Parameters - Avoid low surface/air temperatures as well as high humidity as this will increase drying time and curing rate.

Do not apply below 10°C or above 85% relative humidity. Ensure adequate air movement.

Cleaning - Wash up in water immediately after use

COMMENTS

Use only ELCO REMOVE-IT for cleaning ELCO Tuff-Coat and follow all detailed instructions carefully.

* Do not allow coating to be exposed to moisture for a minimum of 24 hours after final application.

* Discard any left over mixed material after the pot life has been exceeded in the appropriate manner.

* Do not seal the mixed product as pressure build up will occur.

* Applying to warm surfaces may be done but can cause the entrapment of air bubbles. This can be detrimental to the overall properties of the cured coating.

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