

# ***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 <sup>2</sup> / 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.

### **TECHNICAL HELP LINE.**

If you require any further information or have any questions please call us on tollfree 1800 675 650 and one of our experienced staff will assist.

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