

Technical Data Information

ADCOAT – "TUFF-COAT"

TWO PACK WATER BASED PROTECTIVE COATING SYSTEM.

THE PRODUCT

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

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

PROPERTIES

- water based coating system
- environmentally friendly
- can be applied to acrylic, oil based & solvents based paints.
- excellent UV protection
- low odour
- re-coatable
- high solvent resistance
- long pot life
- fast curing rate
- stringent quality control procedures
- Australian manufactured and owned

TECHNICAL DATA

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

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

MIXING

Mixing ratio 3:1 by weight (3 x Parts A : 1 x Part B Hardener)

* Mix **Part B Hardener** into **Part A** and stir thoroughly until the mixed product has a uniform consistency.

(It is recommended to mix the product using a mechanical stirrer to achieve optimum uniformity).

APPLICATION

Brush and roller – do not thin.

Spray – the mixed product can be thinned by adding up to a maximum of 10% clean potable water.

Number of Coats – for optimum protection / performance of this system a minimum of 60 microns DFT is required. To achieve this film build it is recommended to apply 2 x 30 micron coats.

Do Not attempt to apply the coating in one thick coat as it will not cure properly and will cause entrapment leaving the coating to remain white and full of bubbles.

Re-coating - Generally 4 - 6 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

* 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.

ANTI-GRAFFITI PROTECTION:

ADCOAT Tuff-Coat has the unique property of being non-sacrificial anti-graffiti coating when applied onto compatible surfaces. This coating will protect against the majority of products used in graffiti defacement however there are always unknown factors, which can affect the overall performance of the system.

NOTE: Only ADCOAT Remove-it graffiti remover is to be used to remove graffiti from ELCO Tuff -Coat and is to be used in accordance with the manufacturer's instructions.

TECHNICAL HELP LINE.

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

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