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Liquid & Film Laminates
Penetrating Sealers
Advanced Water Based Coatings
Graffiti Removers & Cleaners
Full Coating Application Services

ADCOAT Graphic Solutions P/L
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Technical Data Information.

Product Name : **TUFF COAT** – is an advanced two pack water based clear protective coating system providing long term UV and anti-graffiti protection for application onto a wide variety of structures and surfaces.

Suitable applications : can be applied to most acrylic , oil based & solvent based coatings. Used as a high quality liquid laminate onto large format digital print media for outstanding UV and anti-graffiti protection (testing is recommended to ensure compatibility).

Application : **TUFF COAT** can be applied by roller , brush or spray can be thinned upto 10% with clean potable water if spraying (read MSDS on safety requirements).For optimum performance this coating is to be applied a **min. 2 coat application** to achieve a film build of 60 microns DFT. **(DO NOT attempt to apply the system in one thick coat as it will not cure and remain white in appearance and cause entrapment causing the coating to bubble or delaminate).**

Recoating: minimum of 8 hrs preferably overnight. **Handling : min . 24 hrs**

- Avoid applying product in hot , windy conditions also when temperatures are below 10 degrees C also when rain is imminent.
- Do not seal any residual mixed product as pressure build up will occur leave it to harden and dispose of in the appropriate manner.

Mixing : mixing ratio 3:1 by weight (3 x part A : 1 x part B hardener) add the Part B hardener into the Part A and stir thoroughly it is recommended to mix using mechanical mixing to ensure proper integration of the two parts. If thinning is required the water is to be added after the initial mixing and again stirred thoroughly. **Clean-up :** clean all equipment using water.

Technical Data :

Product :	Clear
Gloss level:	Matt or Gloss
Specific Gravity :	1 – 1.3
Solids (mixed) :	45 – 60 % weight
Coverage rates :	See table.
Pot life :	*2 – 4hrs depending on temperature.
Handling:	Min. 24 hrs
Full Cure :	*3 – 5 days.
Pack Sizes :	1 lt and 4lt kits available

The statements above are compiled from our field of production and according to the latest technological developments and application techniques. Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. ADCOAT Graphic Solutions and associated companies shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere or observe the recommendations, or from any hazards inherent in the nature of the material. It is the users responsibility to evaluate the information contained herein and use this product safely and within the current laws and regulations.



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Coverage Rate Guide : this table is a guide only.

Surface Type	m2 per / lt.
existing painted surfaces.	8 to 10 m2 per lt / per coat.
hard signage , SAV , vinyl banners (UV protection)	15 m2 per / lt.
hard signage , SAV , vinyl banners (30 microns) upto 2 years	12 m2 per / lt .
hard signage , SAV , vinyls banners (60 microns) upto 5 years	9 m2 per / lt

Anti-Graffiti Protection : **TUFF COAT** has the unique property of being a permanent non-sacrificial anti-graffiti coating when applied to 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 coating.

Graffiti Removal : we recommend that our **REMOVE-IT** graffiti remover solution only be used to remove graffiti from **TUFFCOAT** as other product may damage the coating.

TECHNICAL HELP LINE : if you require any further information or have any questions please call us on toll free **1800 675 650**.

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