

AUTOLUX TWIN PACK COATING

DESCRIPTION

Autolux Auto paint is an optimally formulated two pack coating ideally suited for the automotive refinish trade, giving outstanding gloss, durability & original equipment appearance

CHEMICAL BASIS

Based on a top quality highly functional acrylic resin system & cured with a hardener component based on isocyanate

GENERAL QUALITIES

High quality twin pack finish. Full range of toners that are intermixable for easy colour matching of all South African solid car colour

PHYSICAL PROPERTIES

Density	: Depends on colour but for white 1.27 (typical) base comp
Flash Point	: Above 21 °C
Solid Content	: Typically 57% by wt 42% by vol
Spreading Rate	: ± 9m ² @ 50 micron dry film thickness
Finish	: Gloss
Colour Avail.	: White, Black, Clear & full range of toners
Viscosity	: Typical ± 80 ku's @ 25 °C (base component) : Hardener component low viscosity clear liquid
Mixing Ratio	: Two parts Autolux base component : 1 part Autolux hardener component (by volume)

RECOMMENDED SURFACE PREPARATION

Ensure surfaces are clean, dry & free of any surface contaminants. Sound painted surfaces should be slightly abraded with ± 600 water paper for best results

RECOMMENDED PRIMERS

Primer recommended for use under Autolux is Autolux MS Primer or Luxprime Nitrocellulose Primer where economy is important.

OVERCOATABILITY

Not advisable

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THINNER RECOMMENDED

Luxor 2k thinner

APPLICATION DETAILS

Recommended Method	: Spray only
Application Viscosity	: 16 – 18 seconds FC4 @ 25 °C
Recommended D.F.T.	: ± 50 micron in 2-3 coat (wet on wet)
Flash off Time	: 20–30 minutes
Drying Condition	: Air Dry – Surface Dry 1-2 hrs : Hard Dry – overnight can be dried at 60 °C for 1hr (after flash off time)
Pot Life	: 4-6 hrs @ ambient temperature

HEALTH & SAFETY DATA

Storage : In designated area with good ventilation. Store area

	should be away from source of flame & excessive heat
Use	: Good ventilation is required in area of use & away from any sources of ignition or flame
Protective Clothing	: Gloves, goggles to be worn, along with air fed mask when spraying

DISCLAIMER: The information given in this document is offered in good faith, but no warranty is implied or expressed. The onus is on the end user to ensure the suitability of this product to meet the end user requirements. It is also the end user's responsibility to follow health & safety procedures when using this product.

II

AUTOLUX ADHESION PROMOTER

DESCRIPTION

Autolux Adhesion promoter is a single pack clean coating ready for use from the tin.

CHEMICAL BASIS

Based on specially formulated adhesion promoting resin with hydrocarbon solvents

GENERAL QUALITIES

Ideal for adhesion promoting on substrates such as certain plastics, galvanised aluminium steel, tin plate etc.

PHYSICAL PROPERTIES

Density	: Typical 0.87
Flash Point	: 23 °C
Solid Content	: Typically ± 6% by wt
Spreading Rate	: ± 10-15m ² depending on method of application
Finish	: Transparent semi-gloss finish
Colour Avail.	: Clear
Viscosity	: Ready for use
Mixing Ratio	: One pack material

RECOMMENDED SURFACE PREPARATION

Surface must be clean, dry, dust free & oil/grease free

RECOMMENDED PRIMERS

Not applicable

OVERCOATABILITY

Can be used with a wide variety of top coats i.e. Nitrocellulose, Alkyds, Metallic Basecoats, 2k Solid colours etc.

THINNER RECOMMENDED

Ready for use

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APPLICATION DETAILS

Recommended Method	: Spray only
Application Viscosity	: As supplied
Recommended D.F.T.	: ± 10 micron – do not overapply
Flash off Time	: 2–3 minutes
Drying Condition	: 10 mins at ambient temperature
Pot Life	: Not applicable

HEALTH & SAFETY DATA

Storage	: Flame proof store
Use	: Ventilation, masks & gloves
Protective Clothing	: As use

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III

AUTOLUX FAST CURE ADDITIVE

DESCRIPTION

Autolux Fast Cure additive is formulated to enhance curing in 2k refinish products, particularly for small rapid touch up process

CHEMICAL BASIS

Specifically designed accelerator system

GENERAL QUALITIES

Used in small addition to twin pack acrylic, urethane systems to speed up cure rate & drying

PHYSICAL PROPERTIES

Density : Typical 0.86
Flash Point : Typical 23 °C
Solid Content : N/A
Spreading Rate : N/A
Finish : N/A
Colour Avail. : Clear straw coloured liquid
Viscosity : Water thin
Mixing Ratio : To be used with 2k auto refinish paints at a level of between 2% & 5% of total paint volume.
: These dosages should not be exceeded. This will only result in potential loss of gloss of the top coat system & an unacceptably low unusual pot life of the mixed product.

RECOMMENDED SURFACE PREPARATION

Follow details for base product where additive is used

RECOMMENDED PRIMERS

Follow details for base product where additive is used

OVERCOATABILITY

Not advisable

THINNER RECOMMENDED

N/A

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APPLICATION DETAILS

Recommended Method : As for base product where additive is used
Application Viscosity : As for base product where additive is used
Recommended D.F.T. : As for base product where additive is used
Flash off Time : As for base product where additive is used
Drying Condition : Dependant on dosage rate of additive
Pot Life : Dependant on dosage rate of additive

HEALTH & SAFETY DATA

Storage : In designated area with good ventilation. Store area should be away from source of flame & excessive heat

Use : Good ventilation is required in area of use & away
from any sources of ignition or flame

Protective Clothing : Gloves, goggles to be worn, along with air fed mask
when spraying

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IV

AUTOLUX 4:1 AUTO COATING PRIMER **(MS PRIMER)**

DESCRIPTION

Autolux 4:1 Auto Paint is a specially formulated twin pack primer coating ideally suited for the automotive refinish trade

CHEMICAL BASIS

This primer is based on a top quality acrylic resin system & cured with a hardener component based on isocyanate. High purity & fine particle size extenders are used to provide optimum film packing & maximum film strength, along with rapid sandability & provides excellent intercoat adhesion when overcoated with Luxor automotive top coats.

GENERAL QUALITIES

Autolux 4:1 auto coating primer has a high solid content resulting in the ability to achieve high build film thickness when necessary.

PHYSICAL PROPERTIES

Density	: Typical 1.50 base component
	: Typical 1.40 mix material
Flash Point	: 21 °C
Solid Content	: Typically \pm 66% by wt \pm 45% by volume
Spreading Rate	: \pm 15m ² /lt @ 25 microns dry film thickness
Finish	: Matt
Colour Avail.	: Beige
Viscosity	: \pm 105 Ku's @ 25 °C
Mixing Ratio	: 4 parts base component : 1 part Hardener component

RECOMMENDED SURFACE PREPARATION

Suited for application to bare or pretreated metal surface but care should be taken that surfaces to be painted are clean, dry & free from dust, grease, oil or any other surface contaminants.

RECOMMENDED PRIMERS

Not applicable

OVERCOATABILITY

Can be overcoated with Autolux or Transline automotive top coat, Autometallic basecoats

THINNER RECOMMENDED

Luxor 2k thinner

APPLICATION DETAILS

Recommended Method	: Spray only
Application Viscosity	: 16 – 18 secs FC4 @ 25 °C
Recommended D.F.T.	: \pm 25 – 30 microns
Flash off Time	: 15 – 30 minutes
Drying Condition	: Surface dry 1-2 hours Hard dry 8 hours
Pot Life	: 2-3 hours depending on temperature & thinning rate

HEALTH & SAFETY DATA

Storage : Designated flame proof area with good ventilation.

Use : Use product in a well ventilated area away from
flame or source of ignition

Protective Clothing : Gloves & goggles should be worn. Use face mask
when spraying

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