

DRAGON

DEFINITION

Two-component polyurethane protective coating with an aliphatic polyisocyanate hardener.

Formulated for refinishing sills, wheel arch fenders, and car floors; due to its UV resistance, it can also be used as a bed liner on trucks, pick-ups, industrial and commercial vehicles. It can be tinted with solvent-based concentrated colours (2-4% by weight of the mixture).

The application of a high-build film provides thermal insulating and soundproofing characteristics. It offers a textured "tuning" effect exterior finish.

CHARACTERISTICS

Part A - DRAGON:

- Density: $1.19 \pm 0.03 \text{ g/cm}^3$
- Colour: neutral, black
- Non volatile content: $70\% \pm 2$

Part B - DRAGON - catalyst:

- Density: $1.01 \pm 0.03 \text{ g/cm}^3$
- Colour: colourless
- Non volatile content: $57\% \pm 2$

Ready-to-use product:

- Chemical Nature: Polyurethane
- Non volatile content: $67\% \pm 2$
- Color: grey, white, black
- Yield: $1-1.5 \text{ m}^2/\text{Kg}$

SUBSTRATE PREPARATION

The surfaces to be treated must be clean, sanded, free of rust and dust. For best results, treat metallic surfaces with an epoxy primer*.

Before application, preliminary testing is recommended to verify the product's compatibility with the surface to be treated, considering the wide variety of application conditions and materials available on the market.

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

MIXTURE PREPARATION

By weight: 100g of Part A + 25g of Part B

Mix the two components well separately and once mixed in the defined ratio.

The product is sold in pre-dosed packages. Pour the entire contents of catalyst into the Part A can. Mix thoroughly until a homogeneous compound is obtained. Open the can and insert it into the spray gun hopper. Adjust the spray pattern to achieve the desired texture.

TINTING

The neutral version can be tinted with solvent based concentrated colours (2-4% w/w on the mixed product, that is 18-36 grams per bottle).

Add colour to part A before catalysis.

Stir thoroughly. Make sure that the colour has been mixed uniformly and to the shade desired.

POT-LIFE

At 20°C: 120minutes

APPLICATION

Spray gun cod. 85117 (pressure 2.5 atm) can be set up differently according to the desired use (textured "tuning" finishing coating or sealant/protective coating).

Indicative setting of the spray gun:

- For protection of car door sills, wheel housings, pick-up beds etc.:
 - Distance from the surface: about 20 cm
 - Jet adjusting handwheel: ½ turn
 - Product adjusting handwheel: 2 ¼ turns
 - 1 full coat
- For coarse textured finishing:
 - Distance from the surface: about 40 cm
 - Jet adjusting handwheel: ⅛ turn
 - Product adjusting handwheel: 2 ½ turns
 - 1 full coat and ½

Do not use in extreme temperature conditions; ideal conditions are 20°C and humidity below 60%.

DTYING TIME

Subsequent coats can be applied after observing a flash-off time of 20/40 minutes. Reducing the flash-off time, excessive film thickness, or a low temperature will delay the drying time.

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N.B. (Note): For use as a coating on pick-up truck beds, vans, or transport decks, observe a flash-off time of 50/60 minutes and wait for complete drying (5-7 days at 20°C) before regular loading of the vehicle.

OVERPAINTING

Can be overcoated wet-on-wet with solvent-base basecoats.

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STORAGE

Store the product in a dry environment, away from direct sunlight, at temperatures between 5°C and 30°C.

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