GELSON
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TECHNICAL DATA SHEET

REV.3 09/02/2024

DRAGON

DESCRIPTION

Two-component polyurethane coating system with polyisocyanic – alyphatic catalyst.
Tintable with solvent based concentrated colours (2-4% w/w on the mixed product). Very high UV-resistance.
When applied in a thick coat, it gives thermic and sound insulation properties.

Product uses:

- Protection of car door sills, wheel housings, fenders and car chassis, trucks, pick- ups, industrial and commercial vehicles. UV-resistance makes it very suitable as a bed liner on trucks, pick-ups, industrial and commercial vehicles.
- Exterior coating with coarse textured "tuning" effect.

VOC of ready to use, non-tinted product: <380 g/L

CHARACTERISTICS

- Base: polyurethane (catalyst: aliphatic polyisocianate)
- Specific gravity:
  Part A: 1,19 g/cm^3 ± 0,03
  Catalyst: 1,01 g/cm^3 ± 0,03
- Dry residue (ready to use): 67 ± 2%
- Colours: neutral, black
- Coverage: 1-1.5 m^2/Kg (1 coat, ready to use)

SUBSTRATE PREPARATION

The surface should be roughened and free from any dirt or dust residue.
For better results, metal surfaces should be treated with an epoxy primer.

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.

MIXTURE PREPARATION

- The product is supplied in pre-measured packagings. Pour all the content of part B (catalyst) in the can containing part A. Stir well until you have a uniform mixture
- Put the can with the mixture inside the spray gun tank. Adjust the gun setting to obtain the desired texture.
- Mixing ratio is 25% by weight:100 g part A + 25 g catalyst.

POT-LIFE

Pot life at 20°C: 120 minutes

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

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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

DRYING TIMES

Subsequent coats can be applied observing a 20/40 minutes flash off period between them.
Reduced flash off time, excessive film build and/or low temperature will prolong the drying times.
Do not use in extreme cold or hot temperature. Ideal application temperature is 20°C with less than 60% humidity.

N.B: If used as a bed liner, wait for flash-off up to 50/60 minutes and let the product dry completely (5-7 days at 20°C) before loading the truck as usual.

PAINTING OVER

The product can be painted over wet-on-wet with solvent based basecoats.

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