



BODY GUARD

Available colours



Bedliner Hard protective structure

High-grade two-part polyurethane enamel designed for areas where a tough coating is required, offering a distinct structural finish. Suitable for refined, semi-transparent painting processes, it boasts resilience against scratches and abrasion. Initially developed as a premium enamel for pickup truck cargo spaces, it is widely adopted as a 'custom finish' across various vehicle types, prioritizing both aesthetic appeal and scratch resistance. Its rapid curing, exceptional scratch resistance, and robust chemical resilience distinguish it in application.

PACKAGING	
Volume	Collective packaging
711 ml + 237 ml (hardener)	12 pcs. + 12 pcs.



DURABLE



HARD PROTECTIVE
STRUCTURE



SPRAY GUN
APPLICATION



ROLLER
APPLICATION



UV RESISTANCE



USED ON:

- pickup, truck beds
- bus floors
- bumpers
- frames
- off-road vehicles
- construction machinery



SPRAY VISCOSITY

25-30 sec. DIN Flow Cup 4mm



PAINT EFFICIENCY

2 m²/l (without thinner, thick coat)
max 10 m²/l (depends on amount
of thinner)



POT LIFE

60 min



DRY FILM THICKNESS

Highly dependent on way
application



MINIMUM SHELF LIFE

Body Guard: 24 months in originally
sealed packaging
Body Guard Hardener: 12 months
in originally sealed packaging



LZO/VOC

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SUBSTRATE PREPARATION

For existing paint layers: Begin by degreasing using silicone remover **CP 015**, followed by sanding with **240-320** abrasive paper, and another round of degreasing.

For acrylic or epoxy primers: Start with degreasing using silicone remover **CP 015**, proceed with sanding using **240-320** abrasive paper, and then degrease once more. When utilizing the **CP 394** epoxy primer, it permits the application of **Body Guard** coating without sanding for up to 12 hours post-epoxy primer application.

IMPORTANT: Apply on epoxy primer with an approximate 1-hour evaporation time at **20°C**.

Steel, galvanized steel, aluminum, stainless steel: Sand with **240-320** abrasive paper and coat with epoxy primer **CP 394**.

Polyester laminates: Degrease using silicone remover **CP 015**, sand using **240-280** abrasive paper, and repeat the degreasing process.



MIXING RATIO

BLACK

Body Guard - 711ml
Body Guard Hardener - 237ml
Acrylic thinner **CP 040/ CP 070/ CP 075** - 0-40%

Blend the product with the hardener at a volume ratio of 3:1 and ensure thorough mixing. For the prepared mixture, the product can be diluted by a maximum of **40%** (using acrylic thinner), depending on the application method

TRANSPARENT

Body Guard - 711m mix with
+ **7-10%** (50-75g) **Acryl/LV Cryl/Simplex**

Body Guard Hardener - 237ml
Acrylic thinner **CP 040/ CP 070/ CP 075** - 0-40%

Fill the bottle with your chosen colorant (acrylic (**Acryl/LV Cryl**) or **Simplex** pigment), aiming for **7-10%** (50-75 g). Seal and shake the bottle well until the color is consistent. Add the hardener (3:1 volume ratio) to the already colored **Body Guard**. Seal and thoroughly mix for about 2 minutes. For application flexibility, you can dilute the prepared mixture by up to **40%** using acrylic thinner.

PROCESS

PROCESS

PROCESS



APPLICATION:

OPTIONS	UBS SPRAY GUN	GRAVITY FEED CONVENTIONAL SPRAY GUN	ROLLER-BRUSH
Thinner	0-10%	10-40%	0-40%
Nozzle	4-6 mm	1,6-1,8 mm	-
Pressure	2,5-3 bar	2 bar	-
Distance from the element	30-40 cm	25-30 cm	-
Number of layers	2-3	2-3	2-3
Evaporation	40-45 min.	40-45 min.	40-45 min.
Touch dry	at 20°C: 45-55 min.	at 20°C: 45-55 min.	at 20°C: 45-55 min.
Curing	36-48 h	36-48 h	36-48 h
Full mechanical and chemical resistance	7 days	7 days	7 days
Pot life of the mixture	at 20°C: 1 h	at 20°C: 1 h	1 h
NOTE	Possibility of obtaining different structure thicknesses depending on the nozzle and thinning level	Possibility of obtaining different structure thicknesses depending on the nozzle and thinning level	-



RESISTANCES

- Brake fluid – 24h no changes
- Engine oil – 24h no changes
- Water – 24h no changes
- Soap – 24h no changes
- 10% ammonia - 7h no changes
- 44% acetic acid - 7h no changes
- Xylene – 15min. The surface will soften, after evaporation it will regain hardness
- Acetone – 5min. The surface will soften, after evaporation it will regain hardness
- Temperature resistance up to – 85°C

