



Ultra Alu

Aluminium based filler that offers a fine finish and good sandability with a high resistance to mechanical and temperature stress.



Features & Benefits

- Liquid metal appearance – greatly reduces the sanding effort
- Low viscosity – fills perfectly damaged areas without holes
- Reinforces materials – ensures a stable paint build-up even on thin substrates
- High temperature resistance – offers safe use up to 100°C
- Fast drying properties at 20°C – reduces energy consumption and contributes to economic efficiency

P/N	Product	S/C	Content	Packaging
86941	Ultra Alu Silver	PAF2	1800 g	Can
86944	Ultra Alu Silver	PAF2C	1500 g	Cartridge

Application

Ultra Alu is a fine filler for car body parts with aluminium. It is characterised by good formability in thin layers. Its smooth surface can be easily sanded with a coarse abrasive paper e.g. P150, which makes the transitions between filler and repaired surface. Ultra Alu is resistant to high temperatures and mechanical stress, so components are strengthened by its use. Suitable for filling dents, porous surfaces and other defects in steel exposed to high temperatures and mechanical stress.

Both manual and machine sanding of Ultra Alu does not clog the sandpaper. Very strong adhesion to the working surface. It is not necessary to use a fine filler after using Ultra Alu

Instructions

1. The substrate must be load-bearing, sanded, clean, dry and free of residues.
2. Thoroughly mix putty and 2-3% of BPO hardener by weight until a homogeneous shade of colour is achieved.
3. The mixture has a pot-life of about 5 minutes at 20 °C. Higher temperature can reduce the pot life.
4. After 16 to 30 minutes the bodyfiller can be sanded: hand – machine dry sanding use P120 – P320. The hardening process is accelerated by heat and delayed by cold, not recommended to use below 15 °C.



Technical Information

General Info:

Consistency:	Smooth non-sag paste
Base material:	Polyester
Colour:	Silver
Odour:	Solvent
Shelf Life (months):	12
Customs Tariff Code:	32141010
VOC:	250 g/l
Accessories:	Spatula in lid & hardener
Pieces per unit:	1

Solubility in water:	No
Working time:	3-5 min
Drying time:	16 - 30 min at 20°C; 5 - 6 min IR short waves distance 80 cm, max. temp. 80°C or special drying programme of the IR unit
Dry film thickness:	max. 4mm
Wet on wet:	No
Shore D hardness:	86 (24h/20°C)
Specific gravity:	1.78 g/ml
Application temperature (min.):	10 °C
Application temperature (max.):	30 °C
Temperature resistance (max.):	+100 °C
Temperature resistance (min.):	-20 °C
Solid content:	94-95 wt.% (comp. A+B), Aluminium content: 1.7-2.3 wt. %

Using too much hardener can lead to topcoat discoloration. Not to be used on: Thermoplastic parts, especially PP, PE, PTFE, wash primers, 1K acrylic or nitrocellulose products



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