

# Ultra Alu THX

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



## Features & Benefits

- Liquid metal appearance – greatly reduces the sanding effort
- High viscosity – Very good forming properties
- 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	Content
86961	Ultra Alu THX Silver	1800 g
86962	Ultra Alu THX Silver	1500 g

## Application

Ultra Alu THX aluminium pigmented polyester putty that has excellent spreadability and compactness. It is characterised by good formability even in thick layers. Its smooth surface can be easily sanded with a coarse abrasive paper e.g. P120-P320, which makes the transitions between filler and repaired surface. Ultra Alu THX has formulated to achieve resistance to high temperature and good mechanical properties, so components are strengthened by its use. This product is particularly suitable for filling dents, porous surfaces and other defects in galvanised, but also in steel and aluminium parts that are exposed to high temperatures and mechanical loads.

## 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 20 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 10 °C.



## Technical Information

### General Info:

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

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<b>Solubility in water:</b>	No
<b>Working time:</b>	3-5 min
<b>Drying time:</b>	20 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
<b>Dry film thickness:</b>	max. 4mm
<b>Wet on wet:</b>	No
<b>Shore D hardness:</b>	86 (24h/20°C)
<b>Specific gravity:</b>	1.81 g/ml
<b>Application temperature (min.):</b>	10 °C
<b>Application temperature (max.):</b>	30 °C
<b>Temperature resistance (max.):</b>	80 °C
<b>Temperature resistance (min.):</b>	-20 °C
<b>Temperature</b>	100 °C
<b>Solid content:</b>	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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**KENT (United Kingdom) Ltd, Forsyth House, Pitreavie Way, Pitreavie Business Park, Dunfermline, Fife KY11 8US**

**Tel.:** 0800 136925 or 01383 723344 between 08:30-17:30 Monday-Thursday, 09:00-15:00 on Fridays'

For out of hours queries please Fax us on 01383 735829 or **Email:** [KENTsales.UK@kenteurope.com](mailto:KENTsales.UK@kenteurope.com)

2022-05-23