Product name: polyester putty with aluminium flakes
APP Alu Hard. APP No.: 010460.

This is a two-component filler putty containing a high proportion of flake metallic aluminium for better adhesion, hardness, and resistance to heat, water, fuel and grease. The product has exceptional anti-corrosion properties. Designed for filling cavities in weld seams, for filling large cavities in galvanised surfaces. It offers very good adhesion to: steel, galvanised steel, aluminium, polyester laminates and old OEM coatings.
After sanding, it looks like metal.

Packaging.	0.75 L.
Product and accessories.	APP Alu Hard, Peroxide hardener in paste.
Basic ingredients.	APP Alu Hard - a mixture of unsaturated polyester resin and large flakes of metallic aluminium. Hardener – DIBENZOYLPEROXID in paste.
Colour.	Metallic gray aluminium.
Applications	For filling in irregularities in the surface of weld seams and for levelling large irregularities on galvanised surfaces during preliminary work in body and paint repairs. Easy to apply and mould, and to grind by machine. Can be drilled, tapped and sawn.
Substrate Suitable substrates.	Steel, galvanised sheet steel, aluminium and aluminium alloys, glass fibre reinforced polyester products, polyester two-component fillers, polyester laminates and old OEM coatings.
	In order to increase resistance to corrosion, areas sanded down to a clean sheet should be primed with APP Grund EP, a two-component epoxy primer.
	Note! Do not apply directly on: reactive and acid-hardening primers, one-component products and thermoplastic lacquers (T.P.A.).

TECHNICAL INFORMATION

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APP
AUTO-PLAST PRODUKT

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Page 2 of 3

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Substrate preparation

Steel:
- degrease and dry sand with P80-P120 sand paper.

Galvanised steel sheet, aluminium:
- degrease and dry sand with abrasive fleece or P150-P180 abrasive paper.
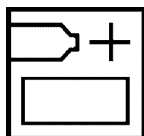
Existing finishes:
- sand down to bare metal or to a suitable surface with P80-P120 sand paper, then smooth out the transitions to the old coating with P150-P180 sand paper.

Before spreading the putty, clean the treated surface of dust and degrease it with APP W900, APP W911 or APP WB910 remover.

Applications
Mixing ratio.

Mixing ratios by weight:
100 g	APP Alu Hard
2-3 g	Hardener in paste

Mix by kneading until a uniform colour is obtained.
Note!
Overdosing of hardener should be avoided, as this may result in localised discolouration of the paint film or poor curing.
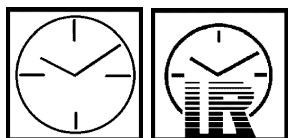
Application.

Apply with a spatula within the useful life, i.e., within approx. 4-6 minutes after mixing the putty and hardener.
Recommended working temperature: +15°C to +25°C. Do not apply the product at temperatures below +5°C.

Drying.

At +20°C, it is suitable for further processing after:
- < 30 minutes.

Short-wave radiator: 6–8 minutes.
Note!
During forced drying, the temperature should not exceed +80°C, as this can cause loss of adhesion.

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Sanding

Dry sand after complete curing:
- perform preliminary sanding with P60-P80 abrasive paper,
- roughly with P120-P180 sand paper,
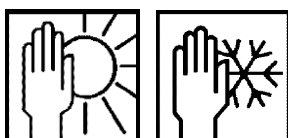- finish with P240-P320 sand paper.

Coverage.

APP Vesta	APP AcrylFiller Multi Sanding
APP Ultra	APP AcrylFiller 401
APP Supra	APP AcrylFiller 501
APP Quartz	APP AcrylFiller Rapid
APP 1K S	APP AcrylFiller Compact
APP SN05	APP Grund EP
	APP Primer Filler
	APP Haftgrund
	APP 2K Haftgrund

Equipment cleaning.   Wash immediately after use with nitrocellulose solvent.

Storage

Store in closed original packaging at a temperature between +5°C and +30°C in a dry and well-ventilated room. Protect from freezing.

OHS regulations

For professional use only.
See text on product labels or in the product MSDS.
Comply with the OHS regulations in force in the country concerned.

VOC

VOC limit g/l in the ready-to-use product.
    250 g/l for APP Alu Hard.
Maximum VOC content g/l in the ready-to-use product.
    < 250 g/l for APP Alu Hard.