

SPECIFICATIONS

Prepared on:
January 5, 2005



Updated on:
December 21, 2007

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Product name: APP ALU Poly-Plast

Binary polyester filler with an aluminium dust additive, for the filling of pits/cavities, the removal of scratches, and the stabilising of very large surfaces during bodywork/sheet-metal and lacquer repairs.

Container:	0.6 kg, 1.8 kg.
Product and additives:	APP ALU Poly-Plast Peroxide hardener, paste.
Basic components:	APP ALU Poly-Plast - a mixture of mineral fillers and aluminium pigments with medium-elastic, high-durability unsaturated polyester resin accelerated with amine. Hardener - DIBENZOYLPEROXIDE.
Colour:	Grey.
<u>Usage</u>	The product is intended for filling pits and removing scratches, and stabilising very large surfaces during bodywork/sheet-metal and lacquer repairs.

Base

Proper base types:

Steel, zinc-coated steel sheet, aluminium, binary fillers, plastics reinforced with glass-fibre, concrete, wood.

In order to increase resistance to corrosion, areas polished to bare metal should be grounded with APP 2K Grund EP binary epoxy primer.

Caution!

Do not apply onto: acid-hardenable reacting primers, acrylic and nitro-cellulose unary primers, and thermoplastic lacquers (T.P.A.).

Base preparation:



Steel:

- degrease and polish dry using P80-P120 abrasive paper.

Zinc-coated steel sheet, aluminium:

- degrease and polish dry using abrasive fabric or P150-P180 abrasive paper.

Existing finish:

- polish with P80-P120 abrasive paper to bare metal or until the proper surface quality is obtained, then smooth down all lines of transition to the old coating using P150-P180 abrasive paper.

The above information complies with current knowledge on our products and their possible applications. This guarantees no specific properties or usability in particular conditions. Users shall observe guidelines and warnings provided on product labels and specified in material safety data sheets. We hold no responsibility if conditions beyond our control affect the final result of work.

**Auto Plast Produkt Sp. z o.o. [Ltd.] 62-300 Września, ul. Przemysłowa 10, Poland
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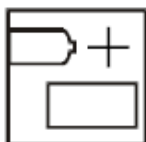
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Before applying the filler, remove any dust from the treated surface and degrease it using W900 or WB900 remover.

Application

Mixing ratio(s):



100 parts by weight of the APP ALU Poly-Plast
2-3 parts by weight of the hardener

Caution!

Avoid hardener overdosing, as this may cause local lacquer coating discolouration and poor hardening quality.
Mix by kneading until a uniform colour is obtained.

Applying:



Spread thin layers with a spatula as long as the material is suitable for use, that is within 4 to 5 minutes.
Recommended working temperature: from +10°C to +25°C.

Drying



At the temperature of +20°C, the filler is ready for further treatment after 20-25 minutes.

Medium-wave radiator: 7-12 minutes.

Short-wave radiator: 5-8 minutes.

Caution!

During forced drying the temperature should not exceed +70°C, as this may cause the loss of adhesion, cracking or bubbling.



Thermal resistance after hardening up to +120°C, but no more than the thermal resistance of the base.

After hardening, the filler is resistant to solvents, and low-concentration acids, bases and brine. It offers high elasticity and extended mechanical resistance.

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Polishing:



After complete hardening, when using as:

A) rough filler:

- dry pre-polishing: P80
- dry rough polishing: P150/P180

B) finish filler:

- dry rough polishing: P150/P180
- dry finish polishing: P240-P320

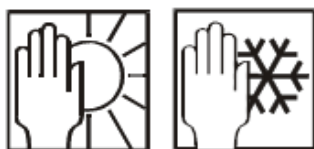
Coverage:

APP PE Poly-Plast Feinspachtel
APP PE Poly-Plast Spritzfuller
APP 2K HS Acrylfüller 5:1
APP 2K HS Acrylfüller 4:1
APP 2K Grund EP
APP 1K Glättspachtel
APP 1K Haftgrund
APP 2K Haftgrund
APP 1K Füller

Equipment cleaning:

Wash with nitrocellulose solvent immediately after use.

Storage:



Store in original, closed containers in a dry and well-ventilated room.
Protect against freezing.

Industrial safety regulations:



For professional use only.

See: information on product labels and/or in Hazardous Material Safety Data Sheet.

Users should observe all industrial safety regulations applicable in their countries.

VOC:

Permissible VOC content [g/l] in a ready-to-use product.

250 g/l for APP ALU Poly-Plast

Maximum VOC content [g/l] in a ready-to-use product.

105 g/l for APP ALU Poly-Plast

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