

TECHNICAL INFORMATION



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Product name: APP 2K HS Klarlack Smart 4:1.

Quick-drying, two-ingredient, colourless, high gloss, acrylic HIGH SOLID coat intended for SMART repairs and coating of single elements. Due to low spraying viscosity at low spraying pressure, perfect fluidity can be obtained at minimum dry spray. Easy to polish. Resistive to atmospheric conditions in various climatic zones. Guaranteed basecoat colour durability due to applied UV filters.

Packaging: Coat - 1.0 L; hardener - 0.25 L.

The product and additives APP 2K HS Klarlack Smart 4:1
APP 2K HS Harter Smart.

Special additives: APP 2K Elastic
APP Anti-Silikon.

Primary components: APP 2K HS Klarlack Smart 4:1 - acrylic resin
APP 2K HS Harter Smart - isocyanic hardener.

Colour: Transparent, colourless, high gloss.

Capacity: 9-10 m²/L
Note! Actual capacity depends on:
shape of coated product, roughness, coating method and working conditions.

Intended use:

Intended for SMART repairs and quick repairs of individual elements as a top layer in multi-layer tinsmith repair coats. To be applied with water-diluted and conventional basecoats.

Base: Water-diluted and conventional basecoats.

Preparing of the base: Before applying, clean painted surface to remove loose dry spray of the basecoat.

This information corresponds with the current knowledge about our products and their applicability. Achieving of any specific properties or usability in any specific conditions is not guaranteed. Follow notes and warnings on the product labels and in the Material Safety Data Sheet. We cannot be held responsible if the works final results were affected by circumstances beyond our control.

Auto Plast Produkt S.A., ul. Przemysłowa 10, 62-300 Września, Poland. ph. + 48 61 437 00 00.

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Application

Mixing proportions:

Mixing proportions by volume:

4 volumes of APP 2K HS Klarlack Smart
1 volume of APP 2K HS Harter Smart

Mixing proportions by weight:

100 APP 2K HS Klarlack Smart
28 APP 2K HS Harter Smart

Spraying viscosity at +20°C: 13 s F/4.

Note!

Use only APP 2K HS Harter Smart acrylic coat hardener

Do not exceed recommended hardener volume.

If required, add 2-5% of APP Anti-Silikon.

If required (for plastics) before applying of the hardener, add APP 2K Elastic flexibility agent as specified in the mixing table.

Applying:

Apply with a spraying gun equipped with a ϕ 1.2-1.5 mm nozzle at air pressure of 1.7-2.1 bar.

Number of layers: 2 x 1.

Dry coating thickness: 50-56 μ m (2 x 1).

Recommended working conditions:

- minimum temperature: +10°C
- maximum relative humidity: 70%.

Vaporization time between applying layers at +20°C:

- 3-5 minutes.

Usability time of ready coat mixture:

- 1.5 hours.

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Drying

at +20°C:
Dust dry: 10 minutes.
Manipulability: 1.5-2 hours.
Full hardness: 4 hours.

At +50°C: 15-20 minutes.

IR radiator: 10 (4+6) minutes.
The coating achieves full properties after 5 to 7 days.

Grinding

After hardening, i.e. after 4 hours at +20°C, the coating can be grinded and coating defects can be removed.
- wet and manually with P1500-5000 abradant
- with grinders and P1500-5000 abradant

Equipment cleaning

Nitrocellulose or acrylic solvent.

Storage:

Store in original, closed containers, in dry and well ventilated rooms, at temperature between +5°C and +30°C.
Protect against freezing.

HS&E

Exclusively for professional applications.
See: product labels or Material Safety Data Sheet.
The user must follow HS&E regulations of the country of application.

VOC:

Permitted VOC content (g/L) in ready-to-use product:
840g/L for APP 2K HS Klarlack Smart 4:1.
Maximum VOC content (g/L) in ready-to-use product:
575g/L for APP 2K HS Klarlack Smart 4:1.

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