

TECHNICAL INFORMATION

Preparation date: 04.12.2020



Revision date: 02.02.2024

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Product name: APP Smart Primer Spray. APP No: 020590, 020591.

Quick-drying, one-component insulating and filling primer. It has good adhesion to polyester putties, lacquer coatings and metal. It is a primer that is easy to sand. Guarantees the topcoat very good adhesion and stability. It is designed for priming minor sanding and for the micro repair system.

Packaging.	400 ml pressurised container.
Propellant.	Dimethyl ether at 4 bar at +20°C.
Product and accessories.	APP Smart Primer Spray – synthetic nitrocellulose resins.
Colour.	Grey – APP no. 020590. Dark grey – APP no. 020591.
Yield	4 m ² /spray. Note! In practice, the yield depends on factors such as the shape of the object, the roughness of the substrate, the application method and the working conditions.

Application Designed for priming minor sanding and for use in the SPOT/SMART repair system.

Substrate
Suitable substrates. Steel, galvanised steel sheet and aluminium primed with one- or two-component reactive primers, e.g. APP Haftgrund, APP 2K Haftgrund.
Re-sanded OEM factory coatings, electrophoretic coatings.
Pre-treated surfaces:

- with polyester products, e.g. APP Ultra,
- with filling primers, e.g. APP AcrylFiller 501.

Substrate preparation



Thoroughly remove any corrosion spots and dry sand with P320-P500 sand paper.
Smooth out transitions to old paint and polyester fills.



Before spraying with the primer, clean the treated surface of dust and degrease it with APP W900 or APP WB9010 remover.

The above information is in line with the current state of knowledge of our products and their possible applications. This does not guarantee specific properties or suitability for use under specific conditions. The notes and warnings on the product labels and on the safety data sheet should be adhered to. We do not bear any responsibility if the final result of the work was influenced by factors beyond our control.

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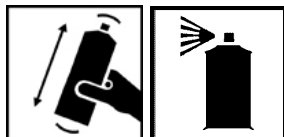
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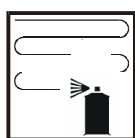
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Applications

Application.

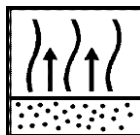


Mix the primer well by shaking the container for 2-3 minutes at 15-25°C. Carry out a test spray. Cover the insulated surface evenly with primer from a distance of 15-20 cm.



Number of coats: 2-3 × 1.
Dry film thickness: 20-25 µm for 2 × 1.
Recommended working conditions:

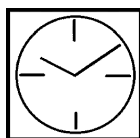
- minimum temperature: +10°C,
- maximum relative humidity: 80%.



Evaporation time between coats at +20°C:

- 5 minutes.

Drying.



At +20°C
Dust dry: 5 min.
Sanding possible after: 15-25 min.
Covering possible after: 15-30 min.

Coverage.

After 15-30 min, apply water-based and conventional topcoat products.

Equipment cleaning.

To clean the paint from the nozzle, turn the container upside down and run the aerosol for a while. The propellant will push the remaining primer out of the nozzle, preventing it from drying out and thus allowing the aerosol to be reused.

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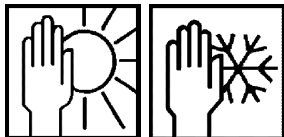


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Storage



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

OHS provisions



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

VOC

VOC limit g/l in the ready-to-use product.
780 g/l for APP Smart Primer Spray
Maximum VOC content g/l in the ready-to-use product.
655 g/l for APP Smart Primer Spray

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