

TECHNICAL INFORMATION

Preparation date: 06.02.2024



Revision date: 06.02.2024

Page 1 of 3

Product name: APP Copper 50 Spray. APP No: 210801.

A fast-drying enamel containing 50% metallic copper in the dry film, designed for use to protect areas to be fusion welded from corrosion. The high concentration of copper in the dry coating and rapid drying improve the welding process without affecting the quality of the joint.

Packaging.	400 ml pressurised container.
Product and accessories.	APP Copper 50 Spray.
Basic ingredients.	A mixture of copper pigments with zinc, acrylic resin, thinners, additives and propellant.
Propellant.	GLP C3-C4 – a mixture of aliphatic hydrocarbons (propane-butane).
Propellant pressure.	4 bar at +20°C.
Colour.	Copper with a metallic shine.
Yield	2.5 m ² /pack.

Application

- Designed for spot welding as a conductive intermediate layer.
- Protective covering of spot weld spots.
- Corrosion protection for all sheet metal work.
- Copper coating for the renovation and restoration of copper parts, e.g. roof gutters, window sheets and other copper products.

Properties

- It provides long-lasting corrosion protection by forming a highly resistant synthetic resin film.
- Quick-drying.
- As a decorative layer, it can be coated with clear varnish after drying (testing is recommended).

Substrate

Suitable substrates. Adheres to most metals including steel, galvanised steel, etc.

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Page 2 of 3

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Substrate preparation:



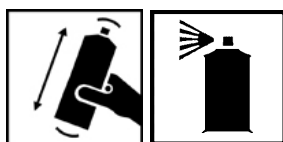
Thoroughly remove any corrosion spots and dry sand with P80 sand paper.



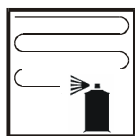
Before spraying, the surface to be protected must be cleaned of dust and degreased with APP W900 remover or APP BENZ.

Applications

Application.



Mix the contents of the container well by shaking the container for 1-2 minutes. Carry out a test spray.
Evenly spray the surface to be protected at a distance of 20-25 cm.



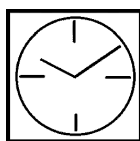
Number of coats: 1 × 1.

Dry film thickness: 15-20 µm (1 × 1).

Recommended working conditions:

- minimum temperature: +10°C,
- maximum temperature: +30°C,
- maximum relative humidity: 80%.

Drying.



At +20°C

Surface dry – ready to weld

5-7 min.

Coverage.

Once dry, it can be coated with car body refinishing products – a trial is recommended.

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 residual product out of the nozzle preventing it from drying out and thus allowing the aerosol to be reused.

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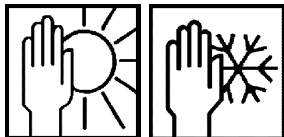


Revision date: 06.02.2024

Page 3 of 3

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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 provisions:



For professional use only.

See text on product labels or in the product 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.

840 g/l for APP Copper 50 Spray

Maximum VOC content g/l in the ready-to-use product.

616 g/l for APP Copper 50 Spray

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