

Coloured Aqua Paint Plus SG

Product description:

Water-based, satin-gloss 1K PU topcoat paint for high-quality, mechanically hard-wearing paintwork based on the latest binding agent technology.

Application:

Indoors and outdoors. High-quality topcoat for wood and engineered wood product, metals, rigid plastics, viable old coats, fibre glass reinforcement, vinyl wallpaper without surface separating agents and after respective pre-treatment/primer coat.

Properties:

- remarkably reduced writing and ring effect
- suitable for children's toys according to DIN EN 71-3
- excellent coverage
- water-repellant
- weather-resistant
- block-resistant
- resistant to hand perspiration
- excellent surface hardness
- stable gloss and whiteness
- alkali-resistant
- UV-resistant
- odourless
- environmentally safe

Binding agent:

Polyurethane hybrid technology

Spec. weight:

1.02–1.29 g/cm³

Gloss level:

Satin-gloss

Packaging size:

1 l and 2.5 l

Shades of colour: Wide range of colours using the Mega Mix paint mix service.

Application: Application using brush, paint roller and sprayer. Stir well before use. Observe the object conditions for application. Do not use if the humidity and temperature are too high or if the components are too cold.

Base surface preparation:

The surfaces must be free of dirt, separating substances and dry. Please observe the VOB, Part C, DIN 18 363, sec. 3. Furthermore, the BFS Bulletins of the Federal Committee for Paint and the Protection of Property, Frankfurt on the Main must be observed. Smoothed surfaces must be completely dry. Clean and sandpaper tightly adhering coats of paint well. Remove loose coats of paint. Intermediate sanding with abrasive web, pads or fine sandpaper is required between coats.

Coating system on wood:

Base coat:

MEGA 050 Aqua Paint Undercoat

Intermediate and finishing coat:

MEGA 130 Silk White Aqua Paint Plus or MEGA 140 Satin-Gloss Coloured Aqua Paint Plus.

Use the priming coat with MEGA 053 Aqua Paint Barrier Primer, to block water-soluble wood materials.

Iron and steel:

Thoroughly remove rust manually or mechanically from metal surfaces. In individual cases, if necessary down to the bare metal (SA2 1/2).

Base coat:

MEGA 052 Aqua Paint Epoxy Primer 2K

Intermediate and finishing coat:

MEGA 130 Silk White Aqua Paint Plus or MEGA 140 Satin-Gloss Coloured Aqua Paint Plus.

Non-ferrous metals and rigid PVC:

Clean zinc, aluminium und rigid PVC surfaces using an ammonia-water solution.

Base coat:

MEGA 051 Aqua Paint Primer, MEGA 055 Aqua Paint Primer or MEGA 052 Aqua Paint Epoxy Primer 2K.

Intermediate and finishing coat:

MEGA 130 Silk White Aqua Paint Plus or MEGA 140 Satin-Gloss Coloured Aqua Paint Plus.

Technical specifications

Dilution:

This product is ready for use. If necessary with water.

Cleaning the tools:

Clean immediately after use using soap and water.

Consumption:

Approx. 130 ml/m²/coat, depending on the coating thickness and surface roughness of the base surface.

Drying process:

At 20°C and 50% rel. humidity:

Dust dry: after approx. 30 min.

Can be reworked/dry: after approx. 4 h

Fully hardened: depending on the degree of stress

Airless spraying:

Viscosity: undiluted

Nozzle: 0.010"–0.013" inch

Pressure: approx. 160 bars

Spraying angle: depending on the surface up to 40°

fine spray nozzle: 0.012 inch

Material pressure: 140 bars

High pressure spraying:

Viscosity: dilute with 5% water

Nozzle: 1.8 mm

Pressure: approx. 3–4 bars

General information

Processing temperature:

Do no process below +8°C. Pay attention to moistness with dew and object temperature. Low temperatures and/or high humidity prolong the drying process and lead to damage to the painted surface.

Special information:

For later contact with sealants, sealing strips, e.g. sealing strips in the door rabbet, please make sure beforehand that the coating and sealing strip are compatible. Sealants and sealing strips often contain unsuitable plasticizers, which tend to adhere in the event of contact with coatings.

Storage:

Can be stored in the closed original container in dry, cool and frost-free conditions for at least 12 months.

Composition according to VDL Guideline:

Acrylic copolymers, titanium dioxide, water, glycols, additives

Information on disposal:

Disposal of the content / container according to the local/regional/national/international regulations. Only give fully empty containers to recycling. Bring containers with remains to the collection point for old paints/varnishes.

EU threshold value for this product:

Product category: A/d

130 g/l VOC (2010)

This product contains a max. of 130 g/l VOC

GISCODE:

BSW30

Observe the safety data sheet!

