

Classic Metal High-Build Paint 3in1

Product description:

Coating material according to VOB 55 945. MEGA Mix 122 Classic Metal High-Build Paint 3in1 is manufactured based on synthetic binding agents in connection with alkyd resins and zinc phosphate pigment, which ensure corrosion protection. Lead and chrome free Coloured paint according to VOB DIN 18 363.

Application:

Indoors and outdoors. As a one pot system for base, intermediate and topcoat. Excellent adhesion to zinc, galvanized surfaces, iron and rigid plastics without surface separating agents, copper, aluminium and V2A steel (after respective base surface preparation).

Properties:

- One pot system
 - good spreading rate
 - quick-drying
 - reliable edge coverage
 - excellent adhesion properties
 - easily reversible
 - contains zinc phosphate pigments
- The coating is visco-plastic.

Binding agent:

Special synthetic binding agent in connection with alkyd resin

Spec. weight:

approx. 1.18–1.42 g/ml, depending on shade of colour

Gloss level:

Satin-gloss

Shades of colour:

Wide range of colours using the MEGA Mix paint mix service

Packaging size:

1 l, 2.5 l and 10 l

Application:

With brush, paint roller and airless sprayer. We recommend application with a brush, to ensure greater coating thicknesses. Ensure sufficient edge coverage in the case of contours.

Base surface preparation:

The surface must be viable, free of dirt, separating substances and dry. Remove loose coats of paint. Check tightly adhering coats of paint for compatibility and then, clean and sand them well. Please observe the VOB, Part C, DIN 18 363, sec. 3.

Pretreatment:

Aluminium and copper:

Preliminary work according to BFS Bulletin no. 6. Apply base, intermediate and topcoat with MEGA Mix 122 Classic Metal High-Build Paint 3in1.

Iron and steel indoors and outdoors:

Fully remove scale and mill scale.

General information for iron and steel:

Already existing system compatible corrosion primer coats can be reworked with MEGA Mix 122 Classic Metal High-Build Paint 3in1. Determine the coating system on the object according to conditions and requirements. However, at the least according to VOB DIN 18 363.

Anodized aluminium:

Clean, degrease and sand to achieve a matte appearance. Two primer coats each with 120 g/m² must be executed for a reliable adhesion. A test coating should be performed beforehand and the adhesion should be checked using a cross cut according to DIN EN 2409.

V2A steel:

Thorough sanding, cleaning and, if applicable, sweeping required. Request object consultation.

Technical specifications

Dilution:

This product is ready for use.

Cleaning the tools:

Clean immediately after use using MEGA 902 Universal Thinner.

Consumption:

Approx. 180 ml/m² per coat. Complies with a dry film thickness of 70–90 µm per coat. Exact consumption data must be determined on the object.

Drying process:

At 20 °C and 60 % rel. humidity:
Dust dry: after approx. 1 h
Dry to handle: after approx. 3–4 h
Fully dried: after approx. 14 h

Airless spraying:

Spray pressure gun: at least 160 bars
Nozzle size: 0.018–0.021 inch
Spraying angle: 40–80°

Device sieves should have a minimum mesh size of at least 250 µm. Airless application should always be used for surfaces that are visually sophisticated.

Air-Mix (air supported airless spraying):

Spray pressure: at least 140 bars
(airless) 3–4 bars
Nozzle size: 0,013" = 0.33 mm
Spraying angle: 50°

This spraying data is must be considered as guidelines and should be adapted or corrected according to the respective object.

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.

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:

Copolymer, titanium dioxide, coloured pigments, black pigments, anticorrosive pigments, filling agents, aromatic compounds, 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/i,
500 g/l VOC (2010)
This product contains a max. of 500 g/l VOC

Product code:

M-PL 03

Hazard warnings:

Liquid and vapour flammable. Harmful to aquatic organisms, with long-term effect. Can cause drowsiness and light-headedness. Repeated contact can lead to chapped skin or skin fissures.

Observe the safety data sheet!

