

Aqua Paint Epoxy Primer 2K

Product description:

Water-based 2K epoxy resin bonding agent for non-absorbent, fixed base surfaces, indoors and outdoors, with active anticorrosive coating.

Application:

Indoors and outdoors on iron, steel, galvanized surfaces, aluminium, Glasal, Formica, Werzalit, ceramic tiles, engobed clay bricks/tiles, old coats of polyurethane, polyester and epoxy resin.

Properties:

- low solvent content
- quick-drying
- universally paintable
- matte
- with active anticorrosive coating for iron, steel and galvanized surfaces
- can be reworked with nearly all 1K and 2K topcoats

Binding agent:

Water emulsified 2K epoxy resin

Spec. weight:

Basic paint: approx. 1.55 g/ml
Hardener: approx. 1.10 g/ml
Mixture density: approx. 1.36 g/ml

Gloss level:

matte

Shades of colour:

White and a wide range of colours using the MEGA Mix paint mix service

Packaging size:

3.6 kg basic paint + 2.4 kg hardener
0.81 kg basic paint + 0.54 kg hardener

Material preparation:

Only add the hardener to the base at the indicated mixing ratio. The required intensive mixing is best conducted using a slow running mixer (max. 400 rpm). The pot life begins right after mixing. Do not bring freshly mixed material together with remaining quantities.

Mixing ratio:

Base: Hardener 3:2 (according to weight)

Application:

Application using brush, paint roller and sprayer (airless).

Pot life:

At 20 °C approx. 3 h

Base surface preparation:

The surfaces must be viable, free of dirt, separating substances and dry. Remove loose coats of paint. Clean and sand old tightly adhering coats of paint well. Smoothed surfaces must be completely dry. Please observe VOB, Part C, DIN 18 363, sec. 3.

Ceramic surfaces must always be sanded mechanically using sandpaper or other abrasives after wet cleaning. Clean zinc, galvanized components and aluminium using an ammonia-water solution or with MEGA 941 Clean using an abrasive web and rinse with fresh water. Remove rust from corroded iron, steel and zinc surfaces down to the bare metal (Sa 2½). Asbestos-containing surfaces can only be cleaned and treated according to TRGS (Technical Rules for Hazardous Substances) 519. Always check surfaces for viability. Conduct a test coat with adhesion test according to ISO 2409 depending on the degree of stress (generally on PVC and coil coatings).

Reworking:

Can be reworked with all commercially available 2-component paints, synthetic resin paints, polymer-based paints and acrylic paints after 48 hours at the latest. Otherwise, thorough sanding is required.

Technical specifications

Dilution:

Use undiluted. Dilution with water has a negative effect on adhesion.

Cleaning the tools:

Clean thoroughly with water before and after use.

Consumption:

Approx. 160 g/m² (depending on the object and surface)

Drying process:

At 20 °C and 65 % rel. humidity:
Dust dry: after approx. 25 min.
Can be reworked: after approx. 4 - 6 hours with diluted and after approx. 12 - 14 h solvent-containing topcoats

Airless spraying:

Viscosity: original
only adjust if required
Nozzle: 0.018" - 0.021" inch
Spraying angle: depending on the surface
up to 40°
Pressure: approx. 160 bars

General information

Processing temperature:

Do not apply below +10 °C or above +30 °C.

Special information:

No recognizable end of the pot life. Exceeding the pot life leads to loss of adhesion. Changes in temperature shorten or prolong the pot life.

Storage:

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

Composition according to VDL Guideline:

Polyamine adduct, titanium dioxide, inorganic pigments, mineral filling agents, silica, water, additives

Safety precautions:

Observe the safety data sheet and the bulletin (Processing epoxy resins) from the German Social Accident Insurance Institution for the Chemical Industry!

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/j
140 g/l VOC (2010)
This product contains a max. of 140 g/l VOC.

GISCODE:

Base: RE 10
Hardener: RE 10

Observe the safety data sheet!

