

# Multi Primer 227

Multigrund 227

**Rust passivating, adhesion enhancing, thick film,  
for exterior and interior use**

## Properties

Fast drying, adhesion enhancing single component zinc phosphate corrosion protection primer on a copolymerised resin basis. Matt, thick film, usable in accordance with DB-TL 918 300, Sheet 75. Weather resistant in the system with, for example, MP-Thick Film 229 or Brillux Alkyd resin paints. Has good mechanical resistance and temperature resistant up to +60 °C (dry heat).

## Field of application

For thick film corrosion protecting primers on iron and steel surfaces, especially in the system with MP-Thick Film 229, but also over-paintable with all Brillux alkyd resin paints. In addition also suitable as a universal primer on old paintwork and non-ferrous metals, e.g. zinc, galvanized steel, aluminium as well as on paintable plastics (see BFS Leaflet No. 22). For priming and intermediate coats outside and inside, e.g. on buildings with large indoor areas, bridges, masts, railings, cranes, pipe lines, wall and ceiling coverings.

## Material description

### Standard colors:

Scala No.	Description
–	0095 white
27.12.24	8101 reddish brown
87.03.18	7106 grey

Other colors available on request.

**Gloss grade:** Matt

**Material basis:** Copolymerised resin basis, containing solvents.

**VOC:** EU limit for this product (cat. A/d): 600 g/l (2007) / 500 g/l (2010). This product contains a max. of 500 g/l VOC.

**Flash point:** +25 °C

**Density:** 1.42 - 1.53 g/cm<sup>3</sup> (depending on the color)

**Packaging:** 2.5 l, 14 kg

## Use

### Thinning

Apply unthinned for thick film applications. If necessary thin with Special Artificial Resin Thinner 915. Add a maximum of 5 % by volume.

### Tinting

All colors can be mixed together.

## Compatibility

Only mixable with similar materials and those specified in this Data Sheet.

## Application

Multi Primer 227 can be applied by brush, roller and airless spraying methods. Before applying stir thoroughly.

## Consumption

Approx. 120 ml/m<sup>2</sup> or 180 g/m<sup>2</sup> per coat (dry film thickness approx. 40–50 µm).

Approx. 210 ml/m<sup>2</sup> or 320 g/m<sup>2</sup> per coat when applied by airless spraying (including 20 % spray loss with a dry film thickness of about 80 µm).

Exact consumption can be determined by a test application on the object to be painted.

## Application temperature

Do not apply if air or object temperature is under +5 °C.

## Tool cleaning

Clean tools immediately after use with Special Artificial Resin Thinner 915 or Quick-acting Brush Cleaner 111.

## Drying (+20 °C, 65% rel. humid.)

Dust dry after about 1 hour. Can be coated again with MP-Thick Film 229 after 4–5 hours, with alkyd resin paints after about 24 hours. The complete drying process requires, depending on the coating thickness and temperature, several days. Allow longer drying times at a lower temperature and/or higher air humidity.

## Storage

Cool and dry. Reseal containers tightly.

## Declaration

### Note

Contains 2-Butanonoxim. Can cause allergic reactions.

### Hazard warning

Inflammable. Toxic effects on water organisms, can cause long-term damage in waters. Vapors may cause sleepiness and dizziness. Repeated contact may cause brittle or chapped skin.

### Safety recommendations

Avoid any release of the product into the environment. Ask for special instructions / safety data sheet. Keep away from children.

Only use product in well-ventilated areas. If product is ingested, contact a physician immediately, show packing or label. Do not inhale spray fog. Make sure the product does not leak into the sewage system.

### Water danger class

WGK 2, as specified in VwVWS

### Product-Code

M-GP04

The data in the current safety data sheet applies.

## Airless-spray data

Process	Nozzle hole mm / in	Spray angle	Pressure bar	Thinning	Viscosity	Cross spraying
Airless	0.018–0.026" 0.45–0.66 mm	50°–80°	about 180	Thick film un- thinned	original	1

## Building up the coating

### Surface preparation

The surface must be solid, dry, clean, firm, have good adhesion and be free from separating materials. Degrease and de-rust iron, thoroughly remove rolling scale and layers of welding scale. Clean zinc and galvanised surfaces with ammonia alkaline washing fluid (as specified in BFS Leaflet No. 5). Degrease aluminium with Nitro-thinners 456. Prepare plastics as specified in BFS – Leaflet No. 22. Check intact industrial primers and old intact paints for load carrying and adhesion properties. Sand these down thoroughly. Remove coatings which are unsuitable and not intact.

The surface should be dealt with as seen necessary. See also VOB Part C, DIN 18 363, Paragraph 3.

### Priming and intermediate coat

Depending on the type of substrate, requirement and choice apply Multi Primer 227 and/or top coat paint.

### Top coat

Depending on the type of substrate, requirement and choice apply further coats in the system with MP-Thick Film 229 or alkyd resin or acryl resin paints.

## Note

Do not use Multi Primer 227 for coating heating pipes or radiators. For priming wood we recommend Impredur Primer 835.

The inner surfaces of furniture and cupboards should not be painted with alkyd resin paints because of possible odors. On CoilCoating, powder paint and 2 component coatings as well as on anodised aluminium, we recommend as a general rule priming with 2C-Epoxy-Primer 855.

Note the additional information in the Data Sheets of the products that are to be applied.

### Supplementary product

- MP-Thick Film 229

**Remark**

This Data Sheet was prepared taking into account the German laws, Standards, specifications and Codes of practice. All details were translated on the basis of the current German version. The contents do not form part of a legal contract. The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our general business conditions apply.

When a new version of this Data Sheet appears with updated information the previous version loses its validity.

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