

Metal Primer 850

Haftgrund 850

**Rust passivating, quick-drying,
matt, for exterior and interior use**

Properties

Rust passivating alkyd resin primer. matt, heat-resistant up to +180 °C and easy to use.

Field of application

For prime coating of iron metals, for exterior and interior use. Due to heat resistance, material can also be used on hot water radiators.

Material description

Standard colors: For details on standard colors and container sizes, refer to the table on the next page.

Gloss grade: matt

Material basis: alkyd resin, solvent-containing

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

Flash point: +25 °C

Density: approx. 1.23 g/cm³

Packaging: see table on page 2

Use

Thinning

If necessary for paintbrush and roller application using Turpentine Substitute 321. For spray application, thin with Special Synthetic Resin Thinner 915. Add a maximum of 7 % by volume.

Tinting

All colors can be mixed with one another.

Compatibility

May only be mixed with materials of the same type and the materials specified for this purpose in this data sheet.

Application

After mixing, Metal Primer 850 can be applied by means of paint brush, rollers and spraying

Consumption

Approx. 90 to 110 ml/m² or 110 to 130 g/m² per coat. Determine exact consumption by way of a test application on the object.

Application temperature

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

Tool cleaning

After use, clean tools immediately using Turpentine Substitute 321 or Quick-Acting Brush Cleaner 111.

Drying

(+20°C, 65% rel. humid.)

Dust-dry after approx. ½ hour, non-sticky after approx. 1 hour. Next coat can be applied after approx. 3 hours. In the case of lower temperatures and/or higher atmospheric moisture, allow for longer drying time.

Storage

Cool and dry. Close opened containers tightly.

Declaration

Water pollution classification
WGK 2, according to VwVwS.

Product code

M-GP03.

Comply with the specifications in the current safety data sheet.

Standard colors and container sizes

Scala no.	Identification	125 ml	375 ml	750 ml	2.5 l	14 kg
–	0095 white		•	•	•	•
27.12.24	8101 red brown		•	•	•	•
84.09.27	6011 reseda green					•
87.03.18	7106 grey	•	•	•	•	•
–	9900 black				•	

Spray data

Technique	Nozzle opening mm/inch	Jet angle	Pressure bar	Thinning	Cross-spraying
low pressure	2.0 mm			max. 7 %	1½
high pressure	1.8 mm		3.5–4.0	max. 7 %	1½
Airless	0.013 to 0.015" 0.33 to 0.38 mm	40°–80°	approx. 160	max. 3 %	1

Building up the coating
Surface preparation

The substrate must be solid, dry, and clean, with good grip, load bearing and free from any separating agents. Degrease and derust iron. Remove any rolling skin and scale. Check intact existing prime coats or intact old coats for suitability, bearing capacity and adhesiveness. Thoroughly rub down intact coats. Remove defective and inappropriate coatings. Prepare the substrate depending on the requirements. Also refer to VOB Part C, DIN 18 363, Par. 3.

Prime and intermediate coat

Using Metal Primer 850

Top coat

Depending on component, requirements and selection, coat with alkyd resin or acrylic resin paints.

Note

The inner surfaces of furniture and cupboards should not be painted with alkyd resin paints because of possible odor built up.

In the case of CoilCoating, coating powder and 2-component coats as well as anodized aluminum, we recommend applying a 2C Epoxy Primer 855 coat in any case.

Also comply with the information given in the data sheets of the other products used.

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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