

MurePrime MPE 3 Metal Primer

**Container illustration
to follow shortly!**

- > single-component
- > for interior and exterior use
- > quickly recoatable
- > for bare metals
- > powder-coated and anodized sheets

Product description

Single-component, ready-to-use, high-quality, rapidly recoatable adhesion promoter for optimal bonding on bare metallic substrates such as stainless steel, Uginox, zinc sheet, aluminium, and galvanised sheet, as well as on powder-coated and anodised metals. For interior and exterior applications, MurePrime MPE 3 is intended for the subsequent application of the Special Seal WD-1K.

Delivery format

Container	Outer packaging	Pallet
1 KG / BDO	6	360 BDO

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Processing

After cleaning with Murexin acetone, apply Metal Primer MPE 3 using a brush or short-pile roller, forming a continuous film.

Technical data

Chemical base	moisture-curing polyurethane resin
Density	1.03 g/cm ³
Solid content	51 %
Viscosity	> 20.5 mm ² /s
Colour	light yellow
Gloss	high gloss
Consumption	approx. 50 g/m ²

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Sealing Technology

Layer thickness	approx. 0.15 mm
Processing time	approx. 5 minutes at 20 °C
Drying time	approx. 25 minutes
Recoatibility	approx. 25 minutes
Processing temperature	5 to 40 °C

Substrate

Suitable substrates

The substrate must be sound and free from substances that may impair adhesion, whether inherent to the material or foreign. Clean the surface with Murexin acetone. The adhesion bond can be improved by sanding.

For a perfect system

System products

Spezialabdichtung WD-1K

Product and processing instructions

Material information:

When processing outside the ideal temperature and/or relative humidity range, the material properties may change significantly.

- Condition materials appropriately to processing temperature before application!
- To maintain product properties, no foreign materials may be added or mixed in!

Environmental information:

- Do not apply at temperatures below +5 °C!
- The ideal temperature range for material, substrate, and ambient air is between +15 °C and +25 °C.
- The ideal relative humidity range is between 40% and 60%.
- Increased humidity and/or lower temperatures delay drying, setting, and curing; low humidity and/or higher temperatures accelerate drying, setting, and curing.
- During drying, reaction, and curing phases, ensure adequate ventilation; avoid draughts!
- Protect from direct sunlight, wind, and weather exposure; also protect adjacent building components!

Tips:

- As a general rule, we recommend carrying out a preliminary adhesion test.
- Observe the technical data sheets of all MUREXIN products used within the system.

The stated values are average values determined under laboratory conditions. Due to the use of natural raw materials, slight variations between individual batches may occur without affecting product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.