

TECHNICAL DATA SHEET

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Product name: **EP GRUNDIERFÜLLER**
EP PRIMING FILLER

Properties: 2-component ground coating on epoxy-resin polyamide-adduct basis, containing zinc phosphate, with excellent adhesion on degreased, hot-dip galvanized or sendzimir-zincd sheet metals respectively on appropriately pre-treated aluminum.

Field of application: Corrosion protection ground coating for steel construction, automotive and machine construction. Can be used respectively reworked both with 1- and 2-comp. materials.

Color tone: on request

Technical data

Binder: Epoxy-resin polyamide-adduct

Practical consumption:
About 250 g/m² for 50 µm DFT

Pigment: Zinc phosphate, titanium dioxide, iron oxide pigments

Diluent: 493/Art.no. 9000107.

Mixing ratio:
Weight 4:1, Vol. 5:2

Cleaning: Diluent 493

Drying:
Dust-dry - after about 15
min./20° C

Hardener: 490/Art.no. 8441002.

Touch-dry - after about 1
hr./20° C

Pot life: Min. 8 hrs./20° C

Fully dry - after about 2-4
hrs./20° C

Delivered viscosity:

Thixotrope

Density: 1.35 – 1.45

Solids: Weight %: 66 ± 3
Vol. %: 46 ± 3

Temperature resistance:

Up to + 150° C (dry)

Spreading rate - theoret. mean value:
6,6 m²/kg for 50 µm DFT

Processing

Painting ground pre-treatment:

Iron: Sandblasting derusting SA 2½ according to EN ISO 12944.

Zincd iron: degreasing, removing of dirt and white rust.

Aluminum: Sandblasting or sanding and degreasing or appropriate chemical pre-treatment.

Application:

Brushing, air and airless-spraying

Processing viscosity:

Brushing – add max. 5 % diluent

Airless-spraying – with about 60 - 80 sec.
(add about 10 % diluent)

Air spraying – with about 30 - 40 sec.
(add about 15 - 20 % diluent)

Processing temperature:

Do not process below + 5° C. The intrinsic temperature of the surface to be treated has to be doubtlessly above the dew point of the surrounding air (see EN ISO 12944).

At temperatures below + 15° C up to max. + 5° C use Hardener 656/Art. no. 8441006.

Reworking:

With 1-comp.or 2-comp. materials – between 2 hrs. and 48 hrs. without pre-treatment. After appropriate pre-treatment (slight sanding, activating), reworking can be done at a later time.

Shelf life:

Storable for 12 months in original unopened package at a storage temperature between + 5°C and + 30°C.

The information provided in the product description and in the processing instructions is based on data and experience to be considered as reliable for an expert under normal working conditions and in connection with the relevant practice.

The expert assumes the processing risk.

Any change of the processing sequence, the environment conditions or the non-respect of recommendations can have a disadvantageous influence on the result. As we cannot influence the respective processing conditions, we explicitly do not assume any responsibility for the result achieved with the product and for the subsequent and side results whatsoever.

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