

Produktbeschreibung

Operational sector : MIPA ESD-Füller is a groundcoat of good filling power and easy sanding properties, recommended to be applied as wet-on-wet filler or sanding filler. Its good adhesion to glass fibre reinforced polyester and the good conductivity make this filler especially suitable for aeroplane construction for the protection of the electrostatically exposed constructive elements. Mipa ESD-Füller is recoatable with all common 1K and 2K paints.

Specification :

Binder base:	Polyurethane-Acryl-System
Solid content:	65 - 70 weight-%
Delivery viscosity (DIN EN ISO 2431):	200 - 220 s / 6 mm
Spec. weight (DIN 51 757):	approx. 1.4 kg/l

Colour availability grey

Features :

- resistant to solvents
- very good water resistance
- adhesivity (DIN 53 151):
GFK: Gt 0 (very good)
- electrical resistance: 10⁵ - 10⁷ Ω

Storage : In tightly closed original containers at least 1 year shelf life

VOC legislation : EU limiting value for the product (cat. B/c): 540 g/l
This product contains max. 530 g/l VOC [4.42 lbs/gal].

Application

Processing conditions : From + 10 °C and up to 70 % relative air humidity.

Substrate treatment : The substrate should be loadable, clean, free of dust and grease

Hardener : Mipa 2K-Härter H10, Mipa 2K-Härter H25,
Mipa 2K-MS-Härter MS 25

Mixing ratio : 2 : 1 by volume, 3 : 1 by weight.

Dilution : Mipa 2K-Verdünnung, Mipa 2K-Verdünnung lang

Spraying viscosity (20 °C): approx. 25 - 35 s/4 mm

Application process:	pressure [bar]	nozzle [mm]	Nr. operations	dilution
Air / Flow jar	3 - 5	1.3 - 2.0	2 - 4	0 - 10 %
HVLP	2.5 - 3	1.3 - 1.4	2 - 4	0 - 10 %
Airless	120 - 150	0.28 - 0.33 (65-95°)	1	0 - 10 %

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

Pot life (20 °C) :	3 - 5 h
Drying :	5 - 6 h by RT or 1 h by 60 °C
Wet-on-wet recoatability :	after 1 h at room temperature
Sandability :	after drying (1 h by 60 °C)
Theoret. Consumption :	7 - 8 m ² /l by 60 µm

Special Recommendations

To be used only by professionals.

Safety Instructions

Do not smoke, eat or drink during application. Keep away from children.

Cleaning of tools

Tools should be cleaned immediately after use with cellulosic diluents Mipa Nitroverdünnung.

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