

VeroMetal® Filler Technical Data

VeroMetal

- Description:** VeroMetal® Filler consist of 99% metal powder, a proprietary hybrid polyester binder and hardener.
- Recommended use:** VeroMetal® can be applied to nearly every surface.
- Type of Product:** 3 component Kit: Metal, Binder/Resin, Hardener.
- Pack Size:** 1 Kit VeroMetal® Filler consists of:
Part A Filler Binder
Part B Metal
Part C MEKP-Hardener
- Shelf Life:** Part A Filler Binder: 6 months
Part B Metal: 12 months
Both under dry conditions at 20° Celsius.
- Physical Constants:** Colour: depending on type of metal
Finish: matt, satin polished, high polished, structured, patinated, rusty
Weight % Non-Volatile: 83.13 ± 1
Theoretical spreading rate: 1 m²/kg
Flash point: 32°C 89°F
Dry to touch: 1 hour at 20°C/68°F
V.O.C: 260 g/litre
- APPLICATION DETAILS:**
- Application method:** VeroMetal® Fillers products are applied with a spatula. By adding metal you can achieve a thicker and by adding binder a thinner product.
- Cleaning of tools:** Acetone
- Indicated film thickness, dry:** ca. 2000 micron
- Indicated film thickness, wet:** ca. 2200 micron
- Safety:** Handle with care. Before and during use, observe all safety labels on packaging and containers, consult VeroMetal Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.

Surface Preparation: Remove possible oil and grease etc. with suitable detergent. Remove any possible weak or flaking structure of old coating. Allow the surface to be completely dry before coating. Sand the surface with a coarse grit paper like 100 grit or less with a dual action sander. This procedure will level any irregular surfaces and scratch the surface enough to create a suitable surface for VeroMetal to bond.

Application Conditions: The surface must be completely clean and dry at the time of application and its temperature must be 5 points above the dew point to avoid condensation.

Choose the correct hardener:

MEKP 9: > 15° Celsius

MEKP 5: > 5° Celsius to 15° Celsius

1. Open Pack A (Binder)
2. Stir the Binder thoroughly
3. Open Pack B (Metal) and add into Pack A (Binder) and stir slowly and thoroughly to make a smooth, even-textured mixture free of clumping.
4. Open Pack C (Hardener) and add into the canister. Stir with a flat stirring stick for at least 30 seconds, making sure to reach the sides and bottom of the container.

Thorough mixing during both mixing steps is essential for even curing.

Once you activate the metal and binder you have approximately a 60 minute pot life at 20 degrees C°.

Remarks: This product contains heavy particles. Stir well before use. **VeroMetal®** Filler might contain white particles. Please stir very well before application to get a homogenous mixture.

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the product information without notice. All statements, information and data provided in this document are based upon data obtained from recognized technical sources and are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, expressed or implied. VeroMetal GmbH expressly disclaims all expressed or implied warranties of marketability and fitness for a particular purpose with respect to the product or the information contained herein. Users should make their own investigations to determine the accuracy and suitability of the information, specifications, technical data or products for their particular purpose(s).