**Metal Filler Compound 115 g**

**Product description**

Berner Metal Filler Compound is an easy to use modelling claylike product. It can be worked mechanically resulting in a hard as metal product to fill cracks and holes and on-the-spot repairs.

**Product features**

* Easy to use.
* Extremely high Shore hardness.
* Fast, permanent repair of metal, aluminium, cast iron, GRP and many other materials.
* Can be sanded and ground.
* Temperature resistant up to 180 °C, briefly up to 300 °C.

**Application**

Clean and degrease the surface to be repaired prior to application, if necessary by sanding or grinding. Remove the required amount. Knead well (aprox. for 2 minutes) until the material is uniform in colour and warm. Apply the product to the parts to join and then mould it. Use a damp spatula or cloth for smoothing the surface.

**Shelf life and storage**

Expiring date is printed on the product as

ED: DD.MM.YYYY

**Safety**

Please follow notes in the applicable Safety Data Sheet. Safety Data Sheet is available on the Berner Webshop.

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**Technical data (typical values):**

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| Base | Epoxy resin – metal-filled |
| Physical state | Solid |
| Container | Transparent plastic cylinder with cap |
| Colour  | Dark grey |
| Pot life | 3 – 5 min. |
| Curing time (temperature-dependent) | 8 – 10 min. |
| Full strength | 24 h. |
| Working temperature | +10 °C to +30 °C |
| Curing temperature | +6 °C to +30 °C |
| Shear Strength DIN 53283 | 4,5 N/mm² |
| Mix rate | 1:1 |
| Shore Hardness D | 87 (Concrete 60) |
| Temperature resistance | -50 °C to +180 °C (short term up to +300 °C) |
| Shrinking | Aprox. 0,05 % |
| Thermal conductivity | 0,60 W/m-K |
| Dielectric capacity | 3,0 kV/mm |
| Gap filling | 15 mm |

### Please follow the notes on the container and in the applicable MSDS.

**Liability**

The information contained in the technical data sheet is the result of our findings, user-specific experience and expectations. As the operational conditions and fields of application respecting the products vary greatly, we can only give general processing instructions and recommendations by means of these technical data sheets. We provide these instructions and this information to the best of our knowledge and without binding effect, excluding any liability and without any warranty as regards correctness and completeness. The technical data sheets do not represent warranted characteristics, do not involve any ancillary obligation and are of an only facultative nature. Use of these data sheets does not release customers and respective downstream users from performing their own tests and trials concerning the suitability of the products for the intended processes and purposes, and from observing any industrial property rights of third parties.

Relevant standards and technical rules must be complied with. State-of-the-art technology is to be observed when carrying out any coating work and pertaining preparations. The object conditions and product suitability are to be checked in an appropriate and professional manner. With respect to danger warnings and security recommendations, in particular first aid measures, reference is made to the respective container and pack labels and to the relevant security data sheets. The current status of the security data sheets and other documentation can be accessed on the Berner homepage or requested from the responsible Berner company. The technical data sheets may be subject to technical changes, and amendments may be made to the technical data sheets without prior notification. This technical datasheet ceases to be valid upon publication of a new version.