



V202005

## TECHNICAL DATA SHEET: MBC-1300



### DESCRIPTION :

Bicomponent Mastic 1300 whose specific characteristics are to offer high hardness and mechanical resistance. Its fields of application are varied such as in automotive bodywork but also for important upholstery on underbody panels, longitudinal members, doors and roof panels. Can also be used in heavy-duty bodywork (on cabs, aluminium sides, aluminium bodies and for tank finishing) and in mechanics. Its exclusive composition combined with the specific properties it contains allow it to replace tin in bodywork repair. MBC-1300 can be sawn, drilled, sanded, milled and powdercoated ; it is also possible to thread a screw thread into it. Excellent adhesion to steel, cast iron or aluminium sheet. Even after sanding, MBC-1300 retains its aluminium colour, making it remarkably suitable for repairing aluminium castings. High thermal stability (up to max. 30 min. at + 220°C without loss of adhesion).

### TECHNICAL SPECIFICATIONS :

**Base:** Unsaturated polyester resins, inert fillers, thixotropic agents and aluminium powder

**Hardener:** PB (Dibenzoyl Peroxide) paste

**Colour:** Aluminium - Flash point:  $\geq + 34^{\circ}\text{C}$

**Density (20°C):** 1.46 +/- 0.03 g/cm<sup>3</sup>

**Sanding:** after approx. 20 - 30 minutes

**Pot-life of the mixture with 0.5% hardener:** 10 minutes

**Minimum operating temperature:** do not expose the sealant to a temperature below + 5°C (polyester components do not harden) **Packaging:** Tin 1,3 kg **Storage:** approx. 12 months (in the original hermetically sealed packaging, protected from moisture and at a temperature of +10 to +25°C. Avoid direct contact with sunlight.)

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GLOBALMASK reserves the right to modify products with, however, the intention to improve their performance. In such a case we will always keep our customers informed.



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## USAGE DATA SHEET: MBC-1300



## IMPLEMENTATION:

The contents of the tin must be previously and completely stirred in order to obtain a homogeneous paste. The substrate to be repaired must be clean, dry, free of all traces of grease, oil, water, old paints and other impurities. Remove rust points on the substrate beforehand. Then take the necessary parts of putty and hardener for the repair, taking care to respect the mixing proportions (hardening paste 0.5 to 2%). Then mix the 2 components carefully and apply the mixture obtained to the previously sanded surface (the pot-life of the mixture obtained must be worked within 9 - 10 minutes). After approx. 20 - 30 minutes, the filler can be sanded dry or with water.

## IMPORTANT:

The surface to be chewed must be rough and not smooth. MBC-1300 can be applied in thickness. It is advisable to apply them in several stages (the same is true for small areas). To do this, it is necessary to wait until the first coat has hardened to the core before applying the next one.

Overdosing with hardener is strongly discouraged as it could cause very annoying brownish holes and spots during painting. Mix only as much putty and hardener as is necessary to repair the substrate.

Special indications: Wash primer and synthetic resin or nitrocellulose primer are not recommended under MBC-1300, as such application could result in adhesive difficulties of the putty.

Note: The bottoms particularly suitable for MBC-1300 are steel sheets, cast aluminium or iron. It is not recommended to apply to electro-galvanised or hot-dip galvanised sheets.

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