

## ::: PUR MC 1 A+B

### **Description:**

Is a 2-component polyurethane casting system, not filled, with low odour development and fast curing, which can be applied with fillers. The viscosity of the two components has been kept very low in order to be able to fill it with fillers. *Thick layers. Higher temperature stability. Available in 2 kg and 20 kg containers.*

### **Application:**

Universally applicable for all types of moulds and models. Multicast is easy to use, cures very well even in thin layers and has a very good temperature resistance.

<b>Data on delivery:</b>	<b><u>A-Comp.</u></b>	<b><u>B-Comp.</u></b>
<b>Color:</b>	milky 35 mPas	yellowish
<b>Viscosity:</b>	0.95 g/cm <sup>3</sup>	75 mPas
<b>Mass density:</b>	6 months in closed	1.10 gr/cm <sup>3</sup>
<b>Shelf life:</b>	packaging	6 months in closed packaging
<b>Consistency:</b>	liquid	liquid

### **Technical data:**

<b>Consumption:</b>	depending on the application
<b>Viscosity:</b>	55 mPa's
<b>Shore (din 53505):</b>	+ - D75
<b>Tensile strength (din 53455):</b>	33 MPa
<b>Elongation to fracture (din 53455) :</b>	6 %
<b>Bending strength (din 53452) :</b>	33 Mpa
<b>Bend to break (din 53452) :</b>	/
<b>Bending modulus (din 53457) :</b>	650 Mpa
<b>Impact strength (din51230) :</b>	14 KJ/m <sup>2</sup>
<b>Compressive strength (din53454) :</b>	/

### **Processing:**

Always ensure that the surface is as dry as possible. Divide any fillers between the two components and mix thoroughly. Mix the individual components well before use. Mixing ratio: 100/100 parts by weight. Pot life: 3 to 4 min. Curing time: 75 min. at 4-5 mm.

**Caution:** there is poor adhesion between two coats of hardened MC1. If necessary, first roughen and degrease the substrate before pouring the second layer.

### **Safety:**

Always provide appropriate protective clothing and gloves. Avoid prolonged skin contact. The use of a carbon filter mask type A2 is recommended. Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).