
MARKPLUS: Technical Data Sheet

1. Description and Main Features

MARK - PLUS is a bicomponent (base and catalyst) addition RTV silicon rubber that vulcanizes at room temperature.

Indicated for the duplication of models with small recesses.

2. Main Fields of Application

- Restoration and arts
 - Jewellery field .
 - Mould making
-

3. Dosage and Mixing

Take the same quantity in weight from the two boxes. Mix the material energetically until you obtain an homogeneous colour . The hardening will happen in 20' at 23°C. Subsequently it's possible to separate the model from the mould .

The silicone rubbers is compatible with all the plasters, coating, polyurethanic and acrylic resins.

4. Important Recommendations

The exact proportions 1 : 1 must be respected to obtain the correct times and not to alter the final characteristics of the product. The surfaces with which the material enters in contact must be perfectly clean, free of grease and dry.

NB: before use, we recommend the two components be homogenized so as to avoid sedimentation.

5. Chemical and Physical Properties

Vulcanized product

Form	Putty form
color	light green
Mixing ratio	1 : 1
Specific weight (g/cm³)	1,43
Working time at 23 °C (73 °F)	10 ± 15'
Setting time at 23 °C (73 °F)	120' – 180'
Shore A hardness after 24 hours	37 ± 3 sh "A"
Tensile strenght	1,8 ± 0,2 N/mm²
Elongation at break	176 ± 10%
Tear strength (Die B)	5,6 ± 0,4 N/mm
Tear strength (Die C)	5,4 ± 0,2 N/mm

6. Available Packages

<i>Zhermack code</i>	<i>Packages</i>
DT23531	4 kg + 4 kg
DT23532	25 kg + 25 kg

7. Safety Data Sheets

The safety data sheets are available at Zhermack SpA.

The preparation is not to be considered hazardous in accordance with directive 88/379/CEE and subsequent amendments.

8. Shelf Life

The MARK - PLUS is guaranteed for a period of 18 months if stored correctly at a temperature of between 5° - 27°C (41° - 80°F).

Close the bottles after use, do not invert the caps or lids between the base and catalyst.

IMPORTANT OBSERVATIONS

The advice given verbally, in writing or through demonstrations on the use of the products are based on our knowledge. The use and application of the product by the user lie beyond the control of the company and are therefore the user's own responsibility.