

## **ZA 22 SPRAY: Technical Data Sheet**

### **1. Description and Main Features**

ZA 22 SPRAY is a bicomponent (base and catalyst) addition RTV silicon rubber that vulcanizes at room temperature.

Indicated for the duplication of models with small recesses.

The main property of the product to be vulcanized is its remarkable fluidity.

The main properties of the vulcanized product are:

- High chemical resistance to the aggressive components of some types of resin;
  - Extremely high tear strength (this feature guarantees high resistance to wear and tear);
  - High accuracy in reproducing very small details;
  - High dimensional stability in time and indeformability;
  - Remarkable resistance to high temperatures and aging;
  - Excellent anti-stick effect.
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### **2. Main Fields of Application**

**Mould-making** and **restorative** (for its remarkable reproduction accuracy, high dimensional stability and high mechanical strength)

**Vacuum bagging** (for high mechanical properties and for the velocity to vulcanize)

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### **3. Instructions for use**

Use the product with adapt dispenser or using automatic machine for spray application.

For information about dispenser and automatic machine, please contact Zhermack SPA.

The ZA 22 SPRAY is compatible with a major part of plaster, polyurethane resin and acrylic resin.

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### **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.

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

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The silicone arrives till these temperatures: Minimum - 40 °C and Maximum +200°C.

## 5. Chemical and Physical Properties

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Aspect	fluid
Colour BASE	Light blue liquid
Colour CATALYST	Translucent liquid
Mixing ratio	1 : 1
Viscosity Base	3800 - 4400 cP
Viscosity Catalyst	3800 - 4400 cP
Density	1,1 g/cc
Total working time a 23°C	20" ÷ 25"
Setting time a 23°C	4' ÷ 6'
Hardness after 8'	18 ± 2 sh "A"
Hardness after 1 h	21 ± 3 sh "A"
Tear strenght (DIE B)	> 13 N/mm
Tear strenght (DIE C)	> 9 N/mm
Tensile Strenght	> 3 N/mm <sup>2</sup>
Elongation	300 ± 50%

## 6. Available Packages

Zhermack code	Packages
<b>DT23855</b>	<b>5 kg + 5 kg</b>
<b>DT23856</b>	<b>25 kg + 25 kg</b>

## 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 ZA 22 SPRAY 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.