

# CENUSIL<sup>®</sup> M 825 A/B

## Room Temperature Curing Silicone Rubber (RTV-2)

Pourable, addition-curing RTV-2 silicone rubber that cures at room temperature.

Main application: Making molds for concrete casting.



### Properties

- Excellent flowability and self-deaeration
- High tear strength
- Low hardness (Shore A 25)
- Mixing ratio of 1:1 for straightforward processing
- Fast and non shrink cure at room temperature which can be accelerated considerably by the application of heat
- Excellent long-term stability of the mechanical properties of the vulcanizate
- Good resistance to common reproduction materials

### Specific features

- Addition Curing
- Fast curing at room temperature
- Flowable
- Low viscosity
- No chemical shrinkage
- Two-component

## Technical data

### Properties Uncured

Property	Condition	A	B	Method
Color	-	white	translucent	-
Density	23 °C	1.05 g/cm <sup>3</sup>	1.05 g/cm <sup>3</sup>	DIN EN ISO 2811-1
Viscosity, dynamic	23 °C	8000 mPa·s	8000 mPa·s	ISO 3219

These figures are only intended as a guide and should not be used in preparing specifications.

### Properties Catalyzed A+B

Property	Condition	Value	Method
Mix ratio	-	1 : 1	-
Pot Life <sup>(1)</sup>	23 °C	60 min	DIN EN ISO 2555
Demoldable at 23°C after	-	6 h	-

<sup>1</sup>up to 60000

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### Properties Cured

Property	Condition	Value	Method
Color	-	white	-
Tear strength	-	20 N/mm	ASTM D 624 B
Hardness Shore A	-	25	DIN ISO 48-4
Tensile strength	-	5 N/mm <sup>2</sup>	ISO 37 type 1
Elongation at break	-	450 %	ISO 37 type 1

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## Applications

- Reproduction Molding

## Application details

Due to its good resistance to all common reproduction materials, e.g. casting resins, concrete, as well as the superior mechanical properties, CENUSIL® M 825 A/B is especially suitable for all molds of models with extensive undercuts.

As a low-Shore A addition silicone rubber that cures without undergoing dimensional shrinkage, CENUSIL® M 825 A/B is also suitable if absolutely accurate copies of models are required.

## Packaging and storage

### Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site [www.wacker.com](http://www.wacker.com).

## QR Code CENUSIL® M 825 A/B



### For technical, quality or product safety questions, please contact:

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