

# ELASTOSIL SC 890 A/B KR

ELASTOSIL®

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

ELASTOSIL® SC 890 A/B KR is a self-levelling room temperature curing, two-part silicone rubber, forming a predominantly open-cell foam.

### Properties

- low density
- low lateral pressure
- high compressibility
- high mechanical strength
- low flammability/high LOI
- processing automatically or manually

### Technical data

#### Properties Uncured

Property	Condition	A	B	Method
Color	-	White	Beige	-
Density	25 °C	1.2 g/cm <sup>3</sup>	1.2 g/cm <sup>3</sup>	-
Viscosity, dynamic	25 °C   10 1/s	15000 mPa·s	15000 mPa·s	-

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 <sup>(1)</sup>	-	1 : 1	A : B
Skin formation time	-	20 - 40 min	-

<sup>1</sup>p.p.w.

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## Properties Cured

Property	Condition	Value	Method
Color	-	Light beige	-
Density	25 °C	0,3 g/cm <sup>3</sup>	-
Hardness Shore A <sup>(1)</sup>	-	20	ISO 868
Hardness Shore 00 (with skin)	-	40	ISO 868

<sup>1</sup>(with skin)

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All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Application details

- bunstock- and sheet foam parts
- molded foam articles
- foam laminates
- general purpose foam for gaskets (dispensed foam gaskets)
- suitable for NHV insulation
- shock and vibration damping at high temperature changes

## Processing

ELASTOSIL® SC 890 A/B KR can be processed both manually and by help of dispensing equipment.

1) Manual processing: suitable quantities of A and B have to be mixed thoroughly by help of a spatula or lab mixer (propeller mixer). Mixing time not longer than 2 minutes at 23°C.

2) Dynamic mixing devices yield the most uniform and homogeneous foam structure. Preloading of the A-component with air pressure further improves the foam structure and reduces density.

The basic color of the cured rubber is white but can be varied using between 0.5 and 1.5% „Farbpaste FL“-pigments.

To ensure a uniform foam quality, the A component needs to be thoroughly stirred prior to use.

The product should be processed in a temperature range of 20 - 25°C. Deviations in cell structure and pot life have to be expected if the temperature is much lower or higher.

Density and structure of the resulted foam depends on following factors:

- temperature of the mixture
- mixing intensity (type of mixer, mixing time)
- amount of incorporated air during mixing
- possibility of expansion

## 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 <http://www.wacker.com>.

## QR Code ELASTOSIL SC 890 A/B KR



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

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