

# ELASTOSIL® RT 721 A/B

RTV-2 SILICONE RUBBER

## Product description

ELASTOSIL® RT 721 A/B is a thixotropic, thermally curable, addition-curing two-component silicone rubber that cures to a soft rubber.

## Special features

- thixotropic
- low hardness
- fast curing at higher temperatures
- primerless adhesion on many substrates

## Application

- CIPG applications for plastic housings
- dam material for dam-and-fill applications

## Processing

ELASTOSIL® RT 721 A/B shows good primerless adhesion to many substrates.  
Pot life can be adjusted by addition of either Catalyst EP or Inhibitor PT 88.

Important note:  
The platinum catalyst is in component A.

Important:  
A and B components may only be used together if they have the same batch number.

Comprehensive instructions are given in our leaflet "ELASTOSIL® - PROCESSING RTV-2 SILICONE RUBBERS".

Property	Value
Mixing ratio, parts by weight	A : B 1 : 1
Pot life at 23 °C	8 h
Curing time 2 mm thickness	85 °C / 10 min
Curing time 2 mm thickness	125 °C / 5 min

## 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>.

**Product data**

Typical general characteristics	Inspection Method	Value
<b>Product data (uncured)</b>		
<b>Component A</b>		
Color		brownish
Density at 23 °C	DIN 53479 A	1,0 g/cm <sup>3</sup>
Viscosity (D = 0.5 1/s)		200000 mPa s
Viscosity (D = 25 1/s)		10000 mPa s
Viscosity of mix (D = 0.5 1/s)		200000 mPa s
Viscosity of mix (D = 25 1/s)		10000 mPa s
<b>Component B</b>		
Color		black
Density at 23 °C	DIN 53479 A	1,0 g/cm <sup>3</sup>
Viscosity (D = 0.5 1/s)		200000 mPa s
Viscosity (D = 25 1/s)		10000 mPa s
Viscosity of mix (D = 0.5 1/s)		200000 mPa s
Viscosity of mix (D = 25 1/s)		10000 mPa s
<b>Product data (cured 130 °C / 30min)</b>		
Color		black
Density at 23 °C	DIN 53479 A	1,0 g/cm <sup>3</sup>
Hardness Shore A	ISO 868	10

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

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG. ELASTOSIL® is a trademark of Wacker Chemie AG.

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

Wacker Chemie AG  
Hanns-Seidel-Platz 4  
81737 München, Germany  
info.silicones@wacker.com

[www.wacker.com](http://www.wacker.com)