

Product Name

BREAKABLE GLASS A/B RTV-2 Silicone Rubber For Glass Simulation

Product Description

Pourable, addition-curing, two component silicone rubber that cures at room temperature.

- Excellent flow & high fluidity
- Very fast cure
- Great clarity and good air release properties

Typical Applications

Due to its high clarity and low elongation and strength, this is the best product for simulation of broken glass for photo, film and stage environments. The rubber like properties make it safer than other “rigid” type products.

Physical Properties

Product Data / Catalysed

Mixing Ratio	A : B	[parts by weight]	100 : 100
Colour			Clear
Viscosity @ 23°C	Brookfield	[cP]	200

Product Data / Cured – After 24 hours @ 23°C

Density at 23°C, in water	[g/cm ³]	0.97
Hardness, Shore A		40
Linear Shrinkage	[%]	0.1

Handling Properties

Mixing Ratio	A:B	[parts by weight]	100:100
Potlife		minutes	5
Demould		hour	0.5 - 1

It is recommended that demould occurs within 0.5-1hr after mixing to prevent crumbling upon demoulding. As curing progresses, the product becomes harder and the likelihood of breaking increases.

Storage

Breakable Glass has a shelf life of at least 12 months in the sealed container between 5°C and 30°C. If the material is kept beyond 12 months it is not necessarily unusable, but a test should be performed on the product to check suitability to the application.

Notes

Caution – Only Components A and B with the same batch number may be processed together.

Issue Date

5th July 2017

Revision Number

1

Disclaimer

The data presented in this leaflet are in accordance with the present state of our knowledge, and does 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 leaflet 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. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.