

# RTV2 Silicone Rubber ZC 20-120

RTV2 silicone rubber ZC 20-120 is a poly-condensation RTV2 silicone rubber that vulcanizes at room temperature.

## Application Instructions

Add 5 parts (by weight) catalyst to 100 parts (by weight) base and mix vigorously to obtain a homogenous color. Paint or pour over pattern. Allow to sit undisturbed for 24 hours. The silicone rubber begins to harden in 16-20 hours and is completely hardened in 24 hours.

**Note:** use exact proportions catalyst:base to ensure appropriate hardening of material.

## Typical Material Properties\*

RTV2 silicone rubber ZC 20-120	
Mixing Ratio (Catalyst:Base)	5:100
Viscosity Pre-Catalyzation (Base)	<25,000 cPs
Mixing Time at 73°F (23°C)	1 minute
Working time at 73°F (23°C)	90 minutes**
Setting time at 73°F (23°C)	24 hours**
Shore A Hardness After 72 Hours	23 ± 3 ShA
Tensile Strength	3 N/mm <sup>2</sup> (435 psi)
Elongation at Break	400%
Tear Strength	15 N/mm

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

\*\* The working time and setting time depends significantly on the temperature and air-humidity. They also vary depending on the size of the cured item.

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## PRODUCT DATA SHEET



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