

# RTV CP1 + Catalyst P1B

## 1. DESCRIPTION

**RTV CP1** is a two part silicone putty elastomer which cures at room temperature, to a tough elastic material.

## 2. ADVANTAGES

- Putty consistency, ideal for hand application
- Used in conjunction with thixotropic mould making
- Easy hand mixing - non slumping
- Ideal for outside work on tall buildings, ceilings

## 3. APPLICATIONS

Squeezes for taking moulds from vertical surfaces where a non slumping material is needed.

Packing out of heavily undercut areas of thixotropic moulds.

Location points and seams on the back of thixotropic or poured moulds for easy location into cases.

## 4. CHARACTERISTICS

### a) CONSTITUENTS:

	RTV CP1	Catalyst P1B	Catalyst 94
Appearance	Viscous paste	Viscous paste	Viscous paste
Colour	Beige	Yellow	Pink
Specific Gravity / $\text{gcm}^{-3}$ @20 °C	1.20	1.15	1.12
Viscosity / cps	N/a	N/a	N/a

### b) MIXING:

RTV CP1	100 parts by weight
Catalyst P1B	4 parts by weight
Pot Life @ 25°C	90 minutes approx.
Demould Time @ 25°C	16 hours

### c) AFTER CROSSLINKING

Shore Hardness/A [ASTM D2 240 2mm film]	26
Tensile Strength/Mpa [DIN 53504]	2.1
Elongation at break/1% [DIN 53504]	450
Tear Strength KN/m [ASTMS D624 Notched Die B]	9
Linear Shrinkage	0.4

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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## d) CATALYST 94 (Rapid Cure Catalyst)

When added to RTV CP1 instead of Catalyst P1B an accelerated cure can be obtained.

RTV CP1	100 parts
Catalyst 94	4 parts
Pot Life @ 25°C	5-7 minutes
Demould Time @ 25°C	25 minutes

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## 5. PACKING

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RTV CP1 + 4% Cat 1B is supplied in 5.2 kg and 15.6 kg kits. Catalyst 94 is sold separately in 40 gm tubes.

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## 6. HEALTH & SAFETY

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*(Refer to Health & Safety Data Sheet)*

The use of this product and of its catalyst necessitates certain precautions. Wear plastic gloves when mixing and applying. Avoid swallowing, contact with the skin and the eyes. If contact does occur, wash with clean water immediately, and in the case of contact with the eyes, consult a doctor.

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## 7. SHELF LIFE

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RTV CP1 + 4% Cat 1B has a minimum shelf life of 12 months when stored in the original unopened containers at temperatures between 18 and 30°C.