

CONGO FLEX

Order online or call
www.brickintheyard.com
Ph: (214)575-5600

- **WATER-BASED**
- **NO SOLVENTS**
- **NON-TOXIC**
- **PAINTABLE**
- **PIGMENTABLE**

***ENVIRONMENTALLY SAFE**
***CLEANS UP WITH WATER**

CONGO FLEX is a 2 component polyurethane. It can be used to produce hard elastomers with very high physical properties. CONGO FLEX can be used for molds or sculpture reproductions. These materials contain no plasticizer and no mercury catalysts. CONGO FLEX cures at room temperature.

Liquid Properties:

Specific Gravity @25 C
Viscosity @ 25 C, cps
Color

A – Iso Component

1.088
17,000
cream

B – Poly Component

1.048
1,700
light amber

Reaction Profile

Mix Ratio, A/B by weight	209/100
Mix Ratio, A/B by volume	200/100
Gel Time at 25 C, minutes	30
Demold Time at 25 C, hours	12 - 14
Cure Time, hours	48

Cured Physical Properties

Hardness, Shore A	80
Tear, pli	316
Tensile strength, psi	1580
Tensile Modulus, psi	1100
Elongation, %	500

Handling Instructions

Keep containers tightly closed and store between 70 and 100F. Do not expose components to moisture. Use in a well ventilated area. Thoroughly mix the "B" component prior to use. Mix the two components at a ratio of 200 to 100 by volume for about two minutes or until uniform. Scrape sides and bottom of mixing container.

BITY Mold Supply
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