

## Artificial Stone Casting Silicone

### **Product Description:**

Artificial Stone Casting is great to make molds either with simple or intricate patterns, like architectural elements, block-outs & hole former, concrete countertops, flexible form liners, GFRC, manufactured stone veneer, ornamental precast & statuary, stamped & textured concrete etc.

With the excellent tension and tear strength, flexibly, especially almost nil shrinkage. Molds from this kind Silicone rubber always can help them make a perfect molds and high temperature resistance and durable life.



### **Appearance:**

Part A: an non-toxic and odorless liquid in translucent color with platinum inside

Part B: an non-toxic and odorless liquid in translucent color.

**ATT:** We do any curing time as you requirements



**Features:**

- ✧ Amazing fluidity and easy to operate
- ✧ Platinum-based, food-grade silicone (environmental, odorless and nontoxic)
- ✧ Delicate design available
- ✧ Mixing ration: 1:1 for easy mixing ration
- ✧ Easy de-molding
- ✧ Excellent tension and tear strength
- ✧ High performance in duplication
- ✧ almost nil shrinkage below 0.1
- ✧ Excellent resistance to weather, temperature, aging, acid & aging-Proofing.
- ✧ High resistance to high temperature and aging(resist -60 to 250°C)

**Model Code:** J830#, J835#, S840#,

**Technical Data:**

**Notes:** The data are based on the operation under room temperature of 25 °C.

Typical general characteristics	Inspection Method	Value		
		J830	J835	J840
Product data (Catalyzed A+B)				
<b>Hardness</b>	Shore A	30±2	35±2	40±2
<b>Mix Ratio</b>	A:B	1:1	1:1	1:1
<b>Color</b>	/	Translucent	Translucent	Translucent
<b>Pot life</b>	25 °C (77F)	20-40mins	20-40mins	20-40mins
<b>Curing time</b>	25 °C (77F)	3- 5hrs	3- 5hrs	3- 5hrs
<b>Viscosity</b>	mPa.s	12000±2000	12000±2000	12000±2000
<b>Tear-Strength</b>	kg/cm	≥24	≥22	≥22
<b>Tensile -Strength</b>	M.pa	≥6.8	≥6.8	≥6.8
<b>Elongation</b>	%	≥450	≥450	≥450
<b>Shrinkage</b>	%	≤0.1	≤0.1	≤0.1

**Packing:**

**Part A :** 1kg, 5kg, 10kg, 20kg, 25kg, 200kg, Vacuumed Packing in white color

**Part B:** 1kg, 5kg, 10kg, 20kg, 25kg, 200kg, Vacuumed Packing in sky blue color

**Storage & Shelf Life:**

1Year at least, stored in a cool and dry place under room temperature 25°C



**Operation Method:**

Both Pouring or brushing operation methods for our Artificial Stone silicone are available. You can chose the best one as your preference, we can provide thixotropic agent for Brushable.



**Caution - Safety First !!!**

1. Read the material safety data sheet(MSDS) before use.
2. Keep Out Of Reach Of Children.
3. Be careful. Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15mins and seek immediate medical attention. Remove from skin with water-less hand cleaner followed by soap & water.

