



**HAWK SEAL**

### PRODUCT DESCRIPTION

Condensation Tin cure molding RTV-2 silicone rubber, Tin-based. silicone, also called condensation-cure silicone, are two-component materials that cure at room temperature the MBM RTV Silicone Rubber A30 or A 40 Silicon Mold-making systems are flexible, high tear-strength rubbers. Tin-cured silicone can be poured onto models, or they can be made brush-able by adding a Thixotropic additive. They are ideal for Molds where an easy release and high-temperature resistance are required

### CHARACTERISTICS

1. Compared to the common silicone rubber, the Hawk Seal RTV-2 A 30 has good abrasion resistance, good duplication times and long life.
2. Hawk Seal RTV- A 30 has a good physical performance, high tensile strength and tear strength.
3. Hawk Seal RTV-A30 cured in room temperature, low velocity and good fluidity, easy to pump the vacuum.
4. Hawk Seal RTV-A30 has a lower shrinkage and precise mold after curing.

### FEATURES

- | Middle shore A hardness (approx 30).
- | Excellent tear strength.
- | High elongation and flexibility.
- | Little rate of deformation and shrinkage.
- | High temperature resist, high tear resist.

### APPLICATIONS

Plaster crafts Hawk Seal RTV-2 Shore A 30 Silicon Rubber is a two-component, Hawk Seal RTV-2 Shore A 30 Silicon Rubber, Mainly used for the duplication of resin crafts, plaster crafts, candle crafts, POLI crafts, cultural stoner gypsum line and GRC architectural decoration and figure duplication. Condensation Cure Mold Making Hawk Seal RTV-2 Shore A 30 Silicone Rubbers can be poured or brush on to products for casting polyurethane, epoxy, polyester resin, Gypsum / Plaster, Cement, Waxes, Low melt alloys / metals etc.

### INSTRUCTIONS

1. Make a frame, then put the mold on the bottom and fasten it.
2. Pouring 1000 Grams of Hawk Seal RTV-2 Shore A 30 Silicon Rubber then add only 3% (30 grams) of curing agent into the container then stirring evenly at room temperature with slow ramp per minute electrical paddle mixing example ( slow PPM drill machine).
3. Put the mixture into the vacuum machine about 5-10 minutes to eliminate the bubbles.
4. Pouring the mixture into the frame slowly in one corner to avoid air bubbles.
5. Remove the frame after the Hawk Seal RTV-2 Shore A 30 Silicon Rubber cured.

### NOTE

1. The amount of curing agent is determined on the temperature, reduce the usage when the temperature is high. If the curing agent used in excess, the mold will become fragile, curing agent using too little the operation time will be extended.
2. It is not recommended to add the silicone oil to prevent the deformation of the mold.
3. When the silicone mold not in use just put a Gypsum product into the mold to ensure the mold with no deformation and to control the shrinkage of the product.
4. In the process of plaster mold making. It is easy to leave gypsum powder in the mold, cleaning it timely can effectively improve the quality of the product and the duplicate times.
5. After adding the peroxide curing agent in the unsaturated resins products, it will release a lot of heat. Generally, the curing time of the resins in 3 minutes, demold as soon as possible to prevent the phenomenon of burning mold.

**MBM RTV-2  
Shore A 30**



**MODERN BUILDING MATERIALS TRADING LLC**

[www.mbmgulfae.com](http://www.mbmgulfae.com)

Al Qouz Industrial Area 4, P.O. Box: 14023, Dubai, United Arab Emirates

Tel: +971 4 347 2442 Mob: +971 555 170 841

Email: [info@mbmgulfae.com](mailto:info@mbmgulfae.com) | [www.mbmgulfae.com](http://www.mbmgulfae.com)