

## Plaster is one of the most flexible, versatile art materials ever.

Molds, sculpture, hobby crafts, medical & dental uses: plaster serves all these needs and more. We can help you determine which plaster is right for your use. For molds: measure the length x width x height to get your cubic volume. An easier way is to use a box that will fit the object and fill it with rice. The weight and physical volume of the rice is what you will need for your mold.

	50lb	100lb	500lb	2000lb	Mix Ratio	Expansion	Crush PSI	Set Time
USG1..... Pottery #1 .....	\$21.50	\$39.00	\$185.00	\$720.00	70	0.210	2,000	27-37 min.
USG2..... Molding .....	\$22.50	\$40.00	\$190.00	\$740.00	70	0.200	2,000	27-37 min
USG3..... Casting .....	\$22.50	\$40.00	\$190.00	\$740.00	70	0.200	2,000	27-37 min
USG4..... Dental Lab .....	\$24.00	\$45.00	\$215.00	\$840.00	70	0.210	2,000	6-9 min.
USG6..... Hydrocal White.....	\$26.50	\$47.00	\$225.00	\$880.00	45	0.390	5,000	25-35 min.
USG11..... Hydrostone.....	\$29.50	\$53.00	\$255.00	\$1000.00	32	0.240	10,000	17-20 min.
USG12..... Hydrocal 105 .....	\$29.50	\$53.00	\$255.00	\$1000.00	45	0.390	5,000	25-35 min.

### USG1 - #1 Pottery Plaster

Formulated to provide stronger, more durable molds than regular pottery plaster. The standard of the industry.

### USG 2 - Molding Plaster

Great for plaster bats! A good utility plaster when expansion, hardness and strength are not of great importance.

### USG3 - Casting Plaster

Great for casting plaques and figurines, formulated for greater strength and chip resistance than regular plaster. Working properties and set time similar to Hydrocal White.

### USG4 - Laboratory Dental Plaster

A general dental application plaster with a set time between 6 and 9 minutes.

### USG6 - Hydrocal White

Our most general use plaster cement. It can be carved or added to, has excellent plasticity for workability and a gradual set time.

### USG11 - Hydrostone

Hydrostone is an extremely hard and strong plaster with very low viscosity for excellent detail reproduction. Primarily used for high quality art, novelty and statuary castings. Available in a non-yellowing formulation. Moderate expansion properties.

### USG12 - Hydrocal 105

Very similar to Hydrocal White, but tinted a pale yellow for dental work.

## Mixing Instructions

### For USG1, USG2, USG3, USG4:

- Mix should be 1-1/2 parts plaster to 1 part water by weight.
- Dump plaster in water.
- Soak 2 minutes.
- Mix 2 minutes to heavy creme density.

### For USG11:

- Mix should be 1 quart water to 7 pounds USG11.
- Dump plaster in water.
- Soak 2 minutes.
- Mix 2 minutes to heavy creme density.

### For USG6 & USG12:

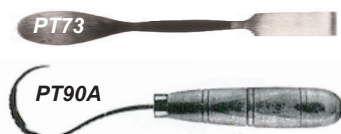
- Mix should be 1 quart water to 5 pounds USG6 or USG12.
- Dump plaster in water.
- Soak 2 minutes.
- Mix two minutes to heavy cream density.

## Steel Plaster Tools

Plaster and modeling tools made of the finest steel, beautifully designed and expertly finished. Spatulas in particular are super flexible.

- PT63..... 8¼" long ..... \$24.00
- PT64..... 9¼" long ..... \$24.00
- PT71..... 10"l long..... \$24.00

- PT73..... 7½" long .....\$24.00
- PT90A..... 12" long .....\$16.00



## Rotary Rasp Set

Shape, carve, and finish up rough areas with these durable rasp attachments. Each high carbon steel tip features coarse teeth that remove material fast and won't clog up. 1/4" shanks fit most hand-held rotary tools. Max speed is 20,000RPM and never needs sharpening.

RM600.....Pint.....\$13.00

