

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.

When you buy ...	50lb	100lb	500lb	1000lb	2000lb	Mix Ratio	Expansion	Crush PSI	Set Time
USG1..... Pottery #1.....	\$36.50.....	\$66.00.....	\$300.00.....	\$560.00.....	\$1060.00.....	70.....	0.210.....	2,400.....	27-37 min.
USG2..... Molding.....	\$34.50.....	\$64.00.....	\$290.00.....	\$550.00.....	\$1040.00.....	70.....	0.200.....	2,000.....	14-24 min
USG3..... Casting.....	\$45.00.....	\$82.00.....	\$340.00.....	\$620.00.....	\$1120.00.....	70.....	0.200.....	2,000.....	14-24 min
USG4..... Dental Lab.....	\$41.50.....	\$75.00.....	\$340.00.....	\$620.00.....	\$1120.00.....	70.....	0.210.....	2,000.....	5-15 min.
USG6..... Hydrocal White.....	\$51.00.....	\$93.00.....	\$420.00.....	\$770.00.....	\$1380.00.....	40.....	0.420.....	6,000.....	20-30 min.
USG7..... Cerami-Cal.....	\$57.50.....	\$105.00.....	\$465.00.....	\$840.00.....	\$1540.00.....	19.....	0.130.....	6,000.....	18.23 min.
USG11.... Hydrostone.....	\$57.50.....	\$97.00.....	\$410.00.....	\$800.00.....	\$1460.00.....	32.....	0.200.....	13,000.....	15-25 min.
USG12.... Hydrocal 105.....	\$67.50.....	\$110.00.....	\$500.00.....	\$910.00.....	\$1660.00.....	40.....	0.420.....	6,000.....	20-30 min.

USG1 - #1 Pottery Plaster

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

USG2 - 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.

USG7 - Cerami-Cal

Low consistency, smooth-wearing mold material for use in pressing clay ware. Low absorption. Specified for use with Ram clay-forming equipment.

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.

RATIO FOR PLASTERS

For USG1, USG2, USG3, USG4:

- Ratio of Mix should be 1 part water to 1½ parts plaster by weight.

For USG6 & USG12:

- Ratio of Mix should be 1 quart water to 5 pounds USG6 or USG12.

For USG7

- Ratio of Mix should be 16½ pounds water to 50 pounds USG7 by weight. USG13 can go up to 18 pounds of water.

For USG11:

- Ratio of Mix should be 5½ pounds water to 50 pounds USG11.

MIXING INSTRUCTIONS FOR ALL PLASTERS

- Dump plaster in water.
- Soak 2 minutes.
- Mix two minutes to heavy cream density.

PLASTER GAUZE ROLLS

For masks, mold backing, foundations and parts of sculptures: there's no end to the hundreds of uses for this versatile tape. Measures 4" x 15 feet and covers 5 sq feet. Fine cotton gauze embedded with plaster - just wet down and use. Sets in 5-8 min.

	1-11 rolls	12-31 rolls	32+ rolls
50081K	\$5.00.....	\$4.00.....	\$3.50

