

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.

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 for dental work.

Mixing Instructions

For USG1, USG2, USG3, USG4:

- Mix should be 1-1/2 parts plaster to 1part water by eight.
- 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 creme density.

| | | <u>50lb</u> | <u>100lb</u> | <u>500lb</u> | <u>2000lb</u> | <u>Mixing Ratio</u> | <u>Expan- sion</u> | <u>Crush PSI</u> | <u>Set Time</u> |
|--------------------|----------------------|---------------|---------------|----------------|----------------|---------------------|--------------------|------------------|-----------------|
| USG1 | Pottery #1 | \$20.50 | \$37.00 | \$175.00 | \$680.00 | 70 | 0.210 | 2,000 | 27-37 min. |
| USG2 | Molding | \$22.00 | \$39.00 | \$185.00 | \$720.00 | 70 | 0.200 | 2,000 | 27-37 min |
| USG3 | Casting | \$22.00 | \$39.00 | \$185.00 | \$720.00 | 70 | 0.200 | 2,000 | 27-37 min |
| USG4 | Dental Lab | \$23.50 | \$42.00 | \$200.00 | \$780.00 | 70 | 0.210 | 2,000 | 6-9 min. |
| USG6 | Hydrocal White | \$25.00 | \$44.00 | \$210.00 | \$820.00 | 45 | 0.390 | 5,000 | 25-35 min. |
| USG11 | Hydrostone | \$28.00 | \$50.00 | \$240.00 | \$940.00 | 32 | 0.240 | 10,000 | 17-20 min. |
| USG12 | Hydrocal 105 | \$28.00 | \$50.00 | \$240.00 | \$940.00 | 45 | 0.390 | 5,000 | 25-35 min. |

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 \$22.00
- PT64** 9¼" long \$22.00
- PT71** 10" long \$22.00
- PT73** 7½" long \$22.00



PT90A 12" long \$16.00