

## PLASTER INFO.

Plaster proportions are generally 1:1 <sup>part water</sup> depending on needs/uses.  
~~1/2 parts plaster~~

Fill bucket with one part water. Using one part plaster, slowly sift plaster through your fingers, carefully. DO NOT STIR THE PLASTER AT THIS TIME. Sift in plaster until it reaches the water level - forming an island - then sprinkle a bit more on the surface until it forms a surface not unlike that of dried cracked mud. When the water is absorbed in this last layer of plaster, you may begin to stir - it will take very little mixing if the plaster has been carefully sifted.

If you add too little plaster to the water you will have a very weak mix. It will take a long time to harden and the surface may break down or the entire form may collapse. If/when the plaster starts to harden, DO NOT ADD WATER or stir to make it soft again - the structure formed by the action of the lime will be destroyed and it will never harden again.

Once you begin to stir the plaster, you may add a bit more plaster if needed, not much though because lumps will occur. DO NOT ADD MORE WATER once you have begun to stir the plaster.

If your plaster is carefully mixed, it will become quite hot from the action of the lime when it is hardening. It is very fragile at this stage - it is "setting". If you run your finger across the surface of the plaster and leave no wet trail, your plaster is usually considered "set".

If you need a very strong plaster, you can mix one part white glue to three parts water and three parts plaster. This will form a type of polymer. This mixture may be softened by adding more water without destroying the strength of the plaster, as it is not dependent on the action of the lime.

### Materials (possible)

bucket (to mix plaster in)

cup - some sort of measuring device to determine ratio/"one part"

newspaper - to work on table surface and for clean up of plaster NO PLASTER IN THE SINKS!!!!!!!!!!

# W A T E R T O P L A S T E R R A T I O S

W A T E R	P L A S T E R
1 pint	1.5 lb. oz.      652 grams
1 quart	2 lbs. oz.      1304 grams
1.5 quart	4 lbs. oz.      1304 grams
2 quart	5 lbs. oz.      1956 grams
2.5 quart	7 lbs. oz.      2608 grams
3 quart	8 lbs. oz.      3260 grams
3.5 quart	10 lbs. oz.      4564 grams
1 gallon	11 lbs. oz.      5216 grams
1.5 gallons	16.5 lbs. oz.      7824 grams
2 gallons	22 lbs. oz.
2.5 gallons	27.5 lbs. oz.
3 gallons	33 lbs. oz.
3.5 gallons	38.5 lbs. oz.
4 gallons	44 lbs. oz.

**L x W x H •/• 80 =quarts**

⊗ P l a s t e r s u c k s ⊗