



"YOU SUPPLY THE TALENT... WE'LL SUPPLY THE REST!"
THE COMPLEAT SCULPTOR

REDUCIT Information Sheet

REDUCIT is a unique positive casting material that will shrink uniformly, resulting in scale replicas from most molds. In a single stage of reduction, a REDUCIT cast will shrink to approximately half its' original volume or 2/3 its original size in linear dimensions. Further reductions can be achieved by taking a mold from the reduced cast and repeating the process.

Directions:

By volume, combine the 2 parts water with the 1 part REDUCIT. Always add the REDUCIT to the water to get an even blend. A Jiffy or power mixer is recommended for this operation, as it is critical that you achieve a complete and smooth mixture. If any material remains unmixed it will distort the surface of you finished REDUCIT casting. The consistency of the REDUCIT will be somewhat thick, but still pourable. You will want o work quickly, pouring all of the material into the mold as you spread it against the surface with a brush. This is to ensure good adhesion and contact with the mold. You have approximately 10 minutes of working time (from the time the REDUCIT hits the water) so plan ahead and be ready to pour. Wait at least one hour before de-molding.

The casting then needs to be dried, this can be achieved one of two ways: allowing it to air-dry for 2-4 weeks or it can be placed in a dehydrator for approximately 3 ½ days (84 hours). Regardless of the drying method, please monitor your cast to prevent distortion. This is more important when using a dehydrator because the curing process is accelerated. If over-drying occurs a you may witness a "sunken" look to the cast. Some objects will dry out of proportion, but the remainders of the cast will catch-up shortly. Medallion type pieces will generally warp as they dry. One of the things that can be done to avoid this is to over pour. The lip of material will be "chasable" to create a level positive cast.

Always pour REDUCIT into a non-pours mold (polyurethane, silicone or latex). If you use a porous material, make sure to seal it properly prior to pouring. Approximately 2lbs. Of REDUCIT is required to fill a life-size head.

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