LATEX RUBBER

BRUSH-ON

Coverage: 0.75 pounds yield approximately 12"x12" x .16"thick
Avoid using petroleum based products and solvents with latex rubber. Keep cured latex rubber out of direct sunlight. Do not allow liquid material to freeze.

Latex rubber provides a durable mold rubber for casting plaster and cement products, and is also used for texture pad when making concrete rocks. Latex is a water-based mixture that can be brushed onto a surface. Latex needs to semi dry between coats as multi layer molds or parts are being created.

BASIC MOLD FABRICATION INSTRUCTIONS:

Fasten the part to be molded to a firm base so as to avoid handling piece during brushing—No release is necessary in most cases unless the part is highly porous (then sealer should be applied to the surface). When brushing on latex, care should be taken to brush out all bubbles for a smooth, detailed first coat so void-free positives can be made. Brush from the top of model to bottom then continue on out from base, a distance of about 1.5" - 2", to create a supporting flange. Continue to build-up flange with each successive layer of latex. When dry, this flange provides a very definite aid in the handling of mold during casting process.

After the first coat has become dry to the touch, subsequent coats may be added allowing each coat to dry before applying next coat. Depending on environmental conditions the drying time will change from hours to portion of a day—4 to 16 hours. Drying time can be improved by the use of heat and moving air over the surface. Each additional coating should be brushed in alternating directions (top to bottom, right to left, diagonally) with a checkerboard coat in between so a laminated structure is created. Applying this technique reduces the dimensional shrinkage of the finished mold. Molds vary in thickness from 8-20 coats depending on desired thickness and latex system used.
Use brush on rubber latex to build-up mold thickness quickly with fewer coats.

The addition of cotton gauze, burlap or other fibrous material applied after the first two critical surface coats helps strengthen, provide structure, and prevent gross distortion of multiple layered molds. Test this product for suitability and application before you begin production.