

Self-curing acrylic Opti-cryl®[®], Self-curing Monomer must be mixed only with the Self-curing Polymer for preparing the acrylic used in reparations of total, partial dental prosthesis.

Acrylic Mixture Ratios:

Weight ratio: Two parts of Self-curing Polymer + One part of Self-curing Monomer.

Volume ratio: Three parts of Self-curing Polymer + One part of Self-curing Monomer.

Preparation of Acrylic Dough:

The acrylic dough is prepared in an adequate container (a dappen dish or a glass, silicon, or porcelain container).

The polymer is poured over the monomer in the indicated ratios.

The mixing is continually made crosswise during 30 seconds approximately in order to ensure the complete incorporation of polymer and monomer particles.

Put a lid on the container for avoiding the entrance of air until the acrylic dough reaches its filamentous phase (when the mixture comes in contact with a spatula, filaments can be seen).

Finally, proceed to make the reparation of prosthesis.

Work Time:

This mixture allows a work time from 3 to 5 minutes approximately, at a room temperature of 23 ± 2 °C.

Polymerized time:

This mixture has a self-curing average time of 10 minutes approximately.

These intervals can vary according to the room temperature of the site.

Polishing:

Polishing of prosthesis will be made according to the current procedures and techniques in practice in dental laboratories.