



## **Instructions for use: Dentine Powder**

Dentine powder is intended for use as a means of modifying denture teeth or for the construction of acrylic Jacket Crowns and Bridges, with or without metal support.

The morphology of the tooth or teeth should be modelled in wax on a suitable die model. Invest the waxed object in a well fitting flask before boiling out and packing.

After boiling out, the mould should be free from wax in order to receive a good coat of plaster coating solution (cold mould seal) taking care to remove excess, leaving to dry before the mould is charged with acrylic dentine powder/liquid mix.

The dentine powder should be mixed to absorption point with Metrocyl X-linked denture base liquid in a clean suitable vessel with lid and left to form a dough to be packed in to the mould for trial closure, or applied directly into the mould by shaking the powder and cold cure liquid together, in the same manner as orthodontic technique.

After final closure the flask should be held in a spring press to be processed by immersion in cold water bringing to the boil and held at this temperature for a further 30 minutes, before cooling slowly and deflasking. Finish and polish in the normal manner.

If the dentine powder is for use in conjunction with metal ie: as a facing for a cobalt chrome backing or with a post and diaphragm in an acrylic crown. Mechanical retention will be needed after which the metal should be treated with an opaque acrylic to blank out the metal, this should be applied over the retention and when cured ie: as in Metrodent masking powder will permit the dentine face to be bonded onto the area masked. The denture or crown can then be finished in the normal way. In the case of the crown this can be returned to the surgeon for cementation in the mouth with a suitable crown and bridge cement.