

INSTRUCTIONS



Justi Products

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TECHNIQUE FOR USING CRYSTAL MONOMER WITH PYROPLAST POWDERS

The use of Crystal Monomer in place of the regular Pyroliquid will result in Pyroplast restorations with greatly improved physical properties.

OPAQUING

The required shades of Pyropaques are dry mixed and enough **regular Pyroliquid** is added to make a heavy creamy mix. This mix is stirred rapidly for precisely 45 seconds. The prolonged mixing will gradually cause the mix to thin to a paintable consistency that will cover with a thinner-than-usual application. The opaqued surface is dried under the Pyro-heater and checked for complete coverage. If necessary, additional opaque may be added. Opaqued casting is placed on a Sagger Tray or piece of asbestos, placed in the Pyro-oven and cured for 8 minutes at 275°F.

PREPARING PYROPLAST SLURRY

While opaque is being cured, the Pyro-plate with the insert tray is turned on and allowed to reach the pre-set temperature of 125°F. On the Pyro-plate there are five cup-like recesses. Into one of the recesses place a sufficient amount of the crystals for the intended application. After the crystals become liquefied, with a glass eye dropper place **three drops** of liquid to **each scoop** of Pyroplast powder. If multiple amounts are used an additional drop or two can be used so as to have the desirable slurry. After adding the powder to the liquid, the mixture should be stirred to ensure wetting of all the powder. Allow the material to stand for 2 minutes, then stir again to ensure a uniform mix of the powder and liquid. If additional material is needed, add to the existing mixture using the same procedure of three drops Crystal Monomer to each scoop of powder and stir as previously mentioned.

APPLICATION AND CURE

Using a sable brush or instrument, pick up a **small** amount of the slurry and apply it to the castings. After each application, dry it under the Pyro-heater. Curing shrinkage is practically eliminated by keeping the applications thin. Build-up is accomplished by alternately adding and drying small applications of body and incisal as required until the desired contour and thickness is obtained.

Cure in Pyro-oven at 275°F for 8 minutes. Allow to cool, then finish and polish in the usual manner.

ADDITIONS TO CURED PYROPLAST

Remove polish from area to be added to. With a clean sable brush moisten the surface with **regular Pyroliquid**. Allow to stand for 15 seconds and add the desired amount following the build-up technique previously described. Cure and finish as usual.

STAINING

If paintable stains for use on the opaque are desired, use the **regular Pyroliquid**. If the technician wishes to work with stained liquid, the stain is added to **liquid Crystal Monomer**.

Note: *If it becomes necessary to burn off Pyroplast, do it in an area with an exhaust fan as a black soot will be formed.*

OTHER RELIABLE PRODUCTS

Justi Imperial Hardened Plastic Teeth
Justi Imperial Flatback Plastic Facings
Justi Wax Solvent
Justi Milling and Polishing Cream
Justi Denture Base Material
Justi Opaquer

Pryoplast Veneering Material
Namilon Resin for Crown and Bridge
Justi Temporary Crown and Bridge Resin
Justi Repair Resin
Justi Ortho Resin
....and many more

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