

TALLADIUM INTRODUCES



Luminesse

HIGH-FUSING PORCELAIN

TALLADIUM, INC.

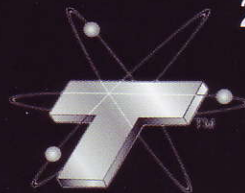
27360 W. Muirfield Ln.

Valencia, CA 91355

(800) 221-6449

www.talladium.com

info@talladium.com



After 15 Years of Research

TALLADIUM
Lumine

HIGH - FUSING

*This feldspathic porcelain offers spot-on shades
are keyed to the Vita shade guide. The colors
allow the technician to precisely match the
body and incisal to an unbelievable degree.
The translucency and color stability are the
properties that mimic natural teeth.
CTE of the Luminescence
provides compatibility with
a wide range of*



Research and Development

INTRODUCES

Luminesse

HIGH FUSING PORCELAIN

Shades right out of the bottle which

incorporate organic pigments in the porcelain

to lay the correct amount of

to create a convincingly life-like crown.

to produce optical

properties similar to natural teeth.

Use porcelain

with a wide compatibility for

all alloys.



MADE IN THE U.S.A.

Order Online at www.talladium.com
or Call (800)221-6449



Tech Corner

For the past 30 years, Talladium has mastered the art of producing high quality products for the dental laboratories. Our next focus, which we are very proud of are dental porcelains. We have acquired the expertise of some of the most influential ceramic engineers to help us create magnificent porcelains. In the future, you will see Talladium grow in this area. So, I thought it would be a good idea to cover some of those frustrating moments that we occasionally see in our labs. I hope these tips and techniques will help you when you're in need.

Alloy vs. Porcelain

Horizontal and Vertical Crack

The alloy is not expanding enough or the porcelain is expanding too much. The porcelain is coming down during the cooling stage and tries to crush the alloy. The alloy doesn't give so the crack occurs.

Temporary Solution

Until the correct alloy is used, lower the first bake. This will prevent over excessive glass formation after multiple bakes. The more it bakes, the more glass forms which raises the coefficient of the porcelain.

Healing a Crack

Open the crack up in a V-shape. Pack with fresh porcelain and fire. This is the only way you can heal the crack when the porcelain is active.

Moon Shaped Crack

In this scenario, the alloy is expanding too much at high temperature. During the cooling stage, the alloy contracts more than the porcelain. This tends to pull the porcelain down rapidly causing the porcelain to snap in a moon shaped crack.

Temporary Solution

To heal the crack, go into an oven at 1000°F. Cut the rate of climb in half. Run the cycle up to 1550°F with a 5 minute cool down. This relaxes the porcelain with the alloy.

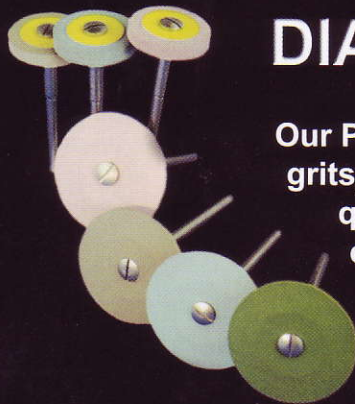
Eddie Harms, C.D.T.
Senior V.P. of Operations
Talladium, Inc.

OTHER TALLADIUM PRODUCTS

BELLA



Talladium's Diamond Polishing Paste creates a smooth glass polish in only a few minutes. Use this polishing paste on metal and porcelain.....Item #5000



DIAMOND POLISHERS

Our Premium Polishers have assorted shapes, grits, and sizes, allowing you to logically and quickly gross trim (green), reduce and contour (blue), and pre-polish (pink).

Then use our fine grit (gray) polishers to achieve that final, high gloss, "wet-look"

Optimal speed range;
5000 - 10,000 rpm

STICK-IT

"Stick-It" is a custom refractory peg material. It stabilizes the restoration by syringing the material into a crown which forms a more secure peg. Stick-It can be used to repair cracked pressable cores and all-ceramic margins. It can even hold veneers in place during the stain and glaze firings and can also be used to fill behind Platinum foil for repairing holes. Stick-It is freeze stable and can withstand temperatures up to 2,300°F(1,260°C)

Item # 715



KOLINSKY BRUSHES

Talladium's genuine Russian KOLINSKY haired brushes are hand crafted with the highest quality. The sharp stable tip enables you to perfectly control your porcelain additions in a seemingly effortless fashion. When your work is complete, simply separate the brush and slide the tip inside the handle.

Item # 662

