

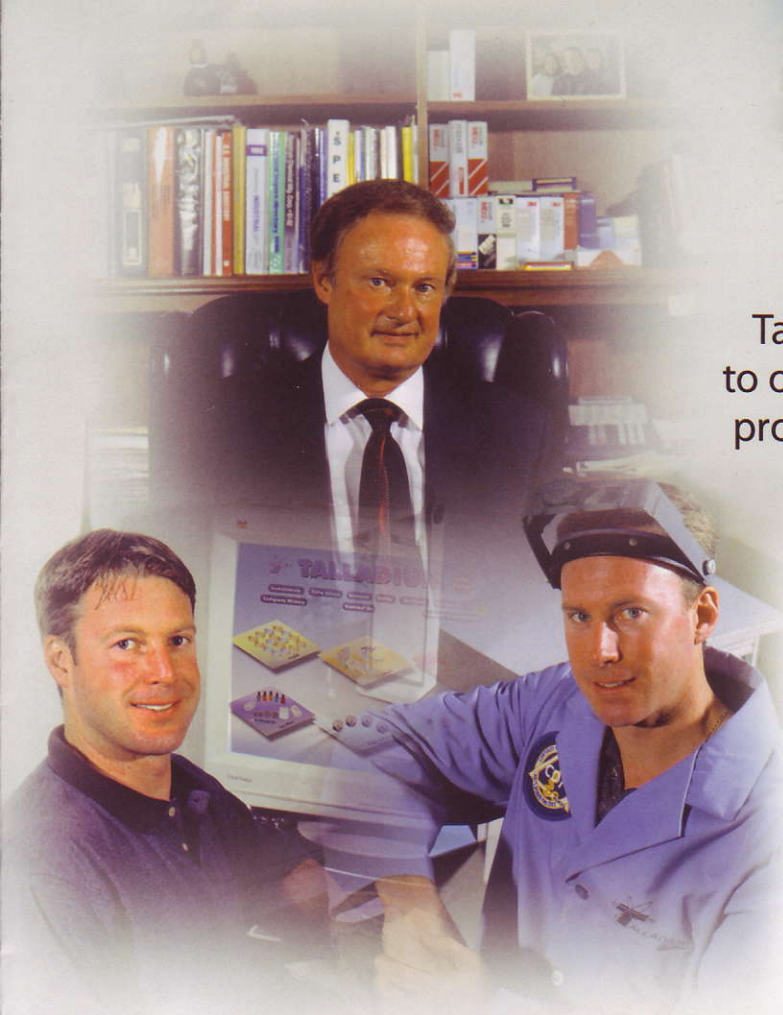


# TALLADIUM, Inc.

Privately owned and family operated, Talladium is able to understand and rapidly respond to the changing needs of our customers



Talladium takes pride in a stringent adherence to our customers' needs by providing consistent products with predictable results. Our products undergo extensive clinical trials prior to launch. All Talladium products are scientifically formulated to work together as a complete system



Our CDT's with extensive bench experience conduct Talladium's research, development and product testing under dental lab conditions. Talladium offers unsurpassed technical support with a staff of dental technicians



## TALLADIUM, INC.

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(800) 221-6449  
[www.talladium.com](http://www.talladium.com)

# GYPA

## TALLADIUM PROUDLY OFFERS A COMPLETE



### **TUFF ROCK**

Tuff Rock is Talladium's premium resin fortified die stone. Due to the incorporation of high quality resins, this die stone's expansion permanently locks its low expansion in after 1 hour. Tuff Rock's low expansion will not continue to grow compared to a standard die stone. Therefore, your models will be as accurate as the day you poured them. Technicians will enjoy the trimming characteristics of this material. The blended resins give a carve ability and strength similar to trimming epoxy. Another advantage to this superior product is the result of 10% more pours per pound because of its light density.



### **DURA ROCK**

Dura Rock is raising the bar when it comes to industry standards for die stone. Its compressive strength is off the charts! Dura Rock has a remarkably creamy texture resulting in bubble-free pours. This surprisingly hard stone trims with no chipping, allowing you to maintain those sharp margins throughout your production line. Dura Rock is a perfect match to our EvenFlow base stone.



### **POLY REZ**

Poly Rez is a fortified resin die stone that has superior strength and surface hardness. This unique blend creates a non-brittle trimming characteristic which prevents the dies from chipping. Your lab will also enjoy the fresh scent of vanilla that has been integrated into this die stone.

**500 lbs  
Mix & Match  
Free Shipping**

# **SUM**

## **THE LINE OF GYPSUM PRODUCTS**

### ***DIE MASTER***



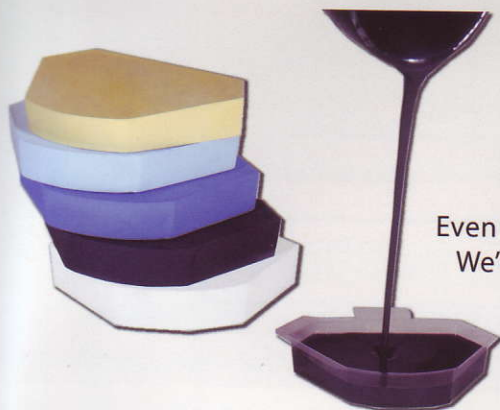
A gypsum base die stone with a fine grain structure for smooth accurate pours. It won't chip during die trimming.

### ***PINNING BASE STONE***



Talladium's Pinning Base Stone provides a virtually unnoticeable expansion, eliminating stress to the die pins and model. Consequently, using a standard lab stone for your pinned model can create up to 2 times the amount of linear distortion when the model is cut and separated.

### ***EVENFLOW***



Even Flow is a new generation pinning stone. We've masterly crafted a pourable gypsum for multiple bases. This unique pinning stone pours like cream, creating tough abrasion-resistant bubble free pours.



## **Tech Corner**

**Discussion:** The newer impression materials have shown less shrinkage than in the past. Studies have shown and support the following theory. Too much expansion in the die stone with little or no shrinkage in today's impressions leads to inaccurate models and poor fits in the mouth.

**Conclusion:** Within the limits of these studies, the following conclusions were drawn.

1. Two leading die stones had higher expansion discrepancies from 1 hour, 48 hours and up to 5 days. These expansion discrepancies lead to poor internal fits, high bites and tight contacts in the mouth.
2. However, Talladium's Tuff Rock had lower and consistent expansion than the leading two after 1 hour, 48 hours and up to 5 days. This resulted in precise accuracy from model to patient leading to less chair time adjustments.

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

**Order Online at [www.talladium.com](http://www.talladium.com)**

**or Call (800)221-6449**

**CALL FOR A FREE SAMPLE**



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PRODUCT	TYPE	EXPANSION	COMPRESSION STRENGTH	COLORS
TUFF ROCK	IV	0.05%	20,450psi	Blue, Green, Ivory, Peach, Pink, Topaz, White
POLY REZ	IV	0.08%	16,000psi	Blue, Green, Ivory, Peach, Pink, Topaz, White
POLY REZ HX-V	V	0.20%	16,000psi	Ivory
DIE MASTER	IV	0.09%	14,000psi	Blue, Green, Ivory, Pink, Topaz, White
DIE MASTER HX-V	V	0.20%	16,000psi	Blue, Green, Ivory
DURA ROCK	IV	0.09%	18,000psi	Ivory, Blue
IMPLANT SCANNING STONE	IV	0.02%	20,750psi	Charcoal
PINNING BASE STONE	IV	0.00%	11,000psi	Buff, Blue, Dark Blue, Blue, White
EVENFLOW	IV	0.00%	11,000psi	Buff, Blue, Jet-Black, White
LAB STONE	III	0.10%	10,000psi	Yellow, White
MOUNTING STONE		0.08%	8,500psi	Blue, White
FLASKING STONE	IV	0.07%	10,000psi	Buff, Blue, Yellow, White
ORTHO STONE	III	0.10%	8,500 psi	White
FAST SET PLASTER	II	0.18%	2,000psi	White
REG SET PLASTER	II	0.18%	2,000psi	White
ORTHO PLASTER	II	0.18%	2,000psi	Ultra White