

DALE DENTAL

PRODUCT TECH SPECS

Electroforming

MANUFACTURER – Gramm GES Gold Electroforming, www.gramm-dental.com, 800.752.8846

YEAR LAUNCHED – 1991

AVAILABLE AT DALE DENTAL SINCE – 2003

DESCRIPTION – Galvanofforming technology is used to create precise and pure gold copings of uniform thickness from .20 mm – .30 mm. Using this technique, the dies are duplicated and an insulated copper electrode is attached within 1 mm of the prepared margin. A silver electroconductive spacer is then painted over the die to the margin area and is extended to contact the previously attached electrode. The electrode is attached to the galvanofforming equipment and the die is submerged in an electrolyte bath. The duration of the cycle as well as the desired current (mA) are programmed into the machine according to the overall surface area of the preparation. The completion of the cycle yields 99.99% pure gold copings of consistent thickness.

Learn more at www.DaleDental.com

RESTORATION SELECTOR SMARTCHART

Indications		
Single Unit Yes	Bridges No	Laminates No
Inlay/Onlay No	Material 99.99% gold	Flexural Strength —
Thickness .2 mm to .3 mm	Span —	Prep Type Any
Coping Color Gold	Translucency None	Cements Contact manufacturer for details
Turnaround 2 Day, 3 Day, 4 Day, 5 Day	Porcelain Type Contact manufacturer for specific details and compatibility	Porcelain Trial Sizes Available at Dale Dental No

LABORATORY PREPARATION

Prepare your dies using a class IV, or equivalent die stone. Ditch, block-out.

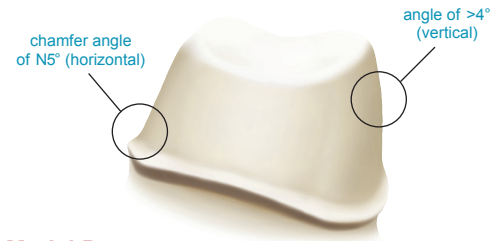
Coping Design – All units will be returned at a thickness of .2 mm designed for full porcelain coverage unless otherwise requested.

Build-ups

Severely prepped teeth should be built up.

Angulation

Note proper angulation of prep area.



Model Prep

Stone Color – Any

Stone Type – Type IV die stone or similar

Stone Expansion – Low

Block out – Yes

Margin – Use a margin pencil to outline the requested margin design on the die(s). Margin designs should be noted on the prescription as porcelain shoulder or cute back and 180°, 360° or custom.

Conditioner/Sealer – Do not apply conditioner or sealer

Die Spacer – Apply die spacer. Important: The accurate use of die spacer is of increased importance due to the intimate fit of electroformed copings.

Wax Ups – Do not complete wax-ups

Packaging – Ship dies only

Please note – Including other items such as study models, articulators, matrixes, and/or photographs could help us to create an improved framework design. (Extra charges will apply)

Do not send – Impressions



COMPLETING THE RX

- Write in your patients name and choose a turnaround time
- Indicate tooth numbers
- Select Electroforming from the list by checking the corresponding box
- Indicate the desired thickness
- In the notes section, please note margin designs as porcelain shoulder or cut back and 180°, 360° or custom
- Select Elite service level (optional)

ELITE LEVEL SERVICE – Elite Level Service for Cercon crowns gives your case priority status throughout the manufacturing process. Included in this are:

Enhanced Customer Service and Technical Support – Hallmarked by an even greater degree of customer interaction.

Priority Sorting Upon Receipt – Using Elite urgent stickers, this initial presort moves Elite cases into production first on that day.

Guaranteed Availability – Guaranteed capacity allocations on all machinery and resources.

Redundant Technical Checkpoints – Case attributes are observed frequently at various stages of production.

Additional outbound insurance – At no extra cost, this added benefit covers your articulators or other valuable items which may be included in your case.

Please see the Dale Dental Pricing Sheet for pricing details.

RECEIVING YOUR CASE – When you receive your coping or framework steam clean to make sure it is free of oil and being layering.

POCELAIN APPLICATION – Your electroformed coping is returned with bonder applied and ready for opaque and build-up. Opaquing should consist of a light slurry bake applied with a firm short-haired brush, which will allow you to massage the first wash of opaque into the bonder layer which will aid interface penetration. A second application at the desired thickness may then be applied. An initial “doughnut” style bake of porcelain around the margin is recommended to help preserve the marginal integrity during firing. Contact your porcelain manufacturer for the necessary adjustments should your ceramic material fall outside this range. Air abrade the internal areas of the coping with 50µm alumina at 1 bar (15 psi) to ensure optimum cementation.

STRIPPING – Stripping copings and bridge frameworks can be completed with Hydrofluoric acid or Hydrofluoric acid substitute. This will remove applied porcelain and will not damage your frame.

If you have any questions or for more information please contact our technical service support at 888.GET.DALE (888.438.3253).

CLINICAL PREPARATION

If you need information for your dentist, please contact the system manufacturer or a Dale Dental customer service representative at 888.GET.DALE (888.438.3253).

THANK YOU FOR CHOOSING DALE DENTAL

Since 2000, Dale Dental has worked hard to earn your business and – more importantly – your trust. From the latest products to the best customer service, here are just a few of the ways we continue to be your resource for copings and bridge frameworks.

Secure & Non-competitive – We do not compete for your dentist clientele because we don't work with dentists. We are America's first dental lab exclusively for dental labs.

Experienced – Our specially trained technicians maintain an in-depth system knowledge and are committed to finishing cases that meet or exceed exacting manufacturer standards.

Consistent & Reliable – With an on-time delivery of over 99% and inbound and outbound email notifications sent daily with delivery tracking hyperlinks for each case, your assured of keeping your customers satisfied.

Informative & Progressive – Login to our website to see the status of your cases or provide feedback through on-line quality control cards that instantly display your feedback to the technicians responsible for your cases.

Certified – Dale Dental is the first outsourcing dental laboratory in the United States and among the first worldwide to obtain the ISO 9001:2008 certification. We are also a CDL laboratory and employ CDT technicians in many supervisory positions.

Friendly – You can always count on our welcoming, professional and well-informed staff to answer questions about the products and services we offer.

At Dale Dental, we know you have choices. And we're proud you've chosen us.

