



GC GYPSUMS

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GC America's line of gypsum materials were developed with your dental laboratory's techniques in mind, from materials of world class type IV die stones to type III lab stones and specifically adapted type IV scannable die stones. These are all extremely high-quality products which have been specifically designed to produce consistently accurate models and dies and meet the production requirements of the modern dental laboratory.

Each product also comes in a range of different colors, so you can choose shade combinations that present your laboratory and work at their very best.

What the Industry Leaders are Saying...

"This is the most accurate and reliable gypsum in the market. I have been using GC FUJIROCK EP for over 20 years and it is my favorite stone of choice."

*Olivier Tric, MDT
Olivier Tric Dental Laboratory
Elmhurst, IL*

** "Mastering the Art of the Pour" DVD is available at
www.oliviertric.com or www.gcamerica.com*

"I have been around the world and GC FUJIROCK EP is the staple in the industry. What else can I say? It's the best!"

*Joshua Polansky
Niche Dental Studio
Cherry Hill, NJ
www.nichedentalstudio.com*

"GC FUJIROCK EP is very strong, smooth and is not porous. It holds its marginal integrity very well and we can definitely tell the difference between any other die stone on the market."

*Stan Chrzanowski, CDT
S & E Dental Studio
Algonquin, IL*

"GC FUJIROCK EP is by far the best die stone on the planet! It has perfect physical properties with low expansion and high compressive strength. The detail we get from GC FUJIROCK EP is unsurpassed. We have tried many different die stones in the past but have not found a single type IV stone of this quality."

*Iliya Stein
Creative Dental Ceramics
Des Plaines, IL*

"If you are not using GC FUJIROCK EP, what are you waiting for? This is by far the greatest die stone in the world! Low expansion, high strength, perfect detail. What more can you ask for?"

*Luke Kahng, CDT
LSK121 Oral Prosthetics
Naperville, IL
www.lsk121.com*



GC FUJIROCK® EP

GC FUJIROCK® EP

GC FUJIROCK EP is one of the world's most popular type IV dental die stones with superior quality. GC FUJIROCK EP is ideal for all kinds of prosthetics, with high precision, outstanding edge hardness and high-pressure stability. GC FUJIROCK EP is highly fluid yet still thixotropic for excellent handling properties and easy pouring without air bubbles. The superior quality type IV dental die stone – ideal for all kinds of prosthetics, with high precision, outstanding edge hardness and high pressure stability.

Choose the color that best presents your work and your laboratory: *Golden Brown, Topaz Beige, Pastel Yellow or Pearl White.*



MULTIPLE INDICATIONS

- Ideal for producing all kinds of prosthetics
- Compatible with a wide range of impression material

PRECISE AND STRONG

- Highly fluid yet still thixotropic for precise replication of the finest detail
- Immediate high pressure stability creates a perfect fit without prosthetics
- Low expansion

EASY AND QUICK

- High wettability for easier mixing
- Short mixing time
- Highly fluid yet still thixotropic for easy pouring without air bubbles and excellent handling properties
- Snap set for longer working time and shorter setting time
- Short removal time

AVAILABLE IN 4 COLORS

- Golden Brown
- Pearl White
- Pastel Yellow
- Topaz Beige

Choose the color that best presents your work or laboratory.



PHYSICAL PROPERTIES

P/L Ratio	20mL/100g
Manual mixing time	15 seconds
Vacuum mixing time	30-60 seconds
Working time / Pouring time	8 min.
Setting time	12 min.
Removal time	Polysulphide/Vinylpolysiloxane - 40 minutes Hybrid Polyether/Polysiloxane - 40 minutes Polyether - 40 minutes Hydrocolloid Alginate - 30 minutes
Setting Expansion (ISO/24h)	0/08%
Compressive Strength	53 MPa



GC FUJIROCK® EP OptiXscan

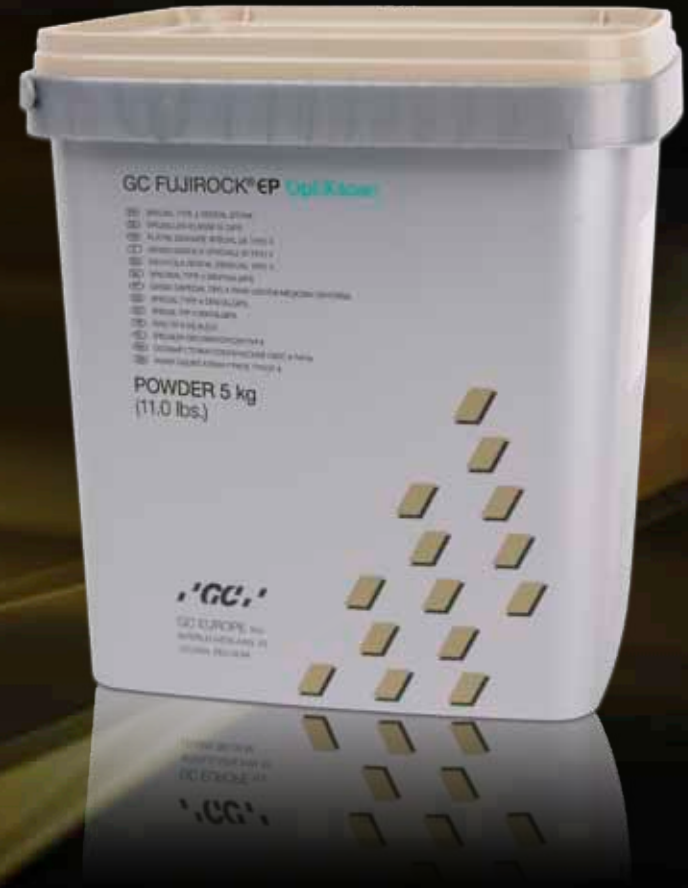
GC FUJIROCK® EP OptiXscan

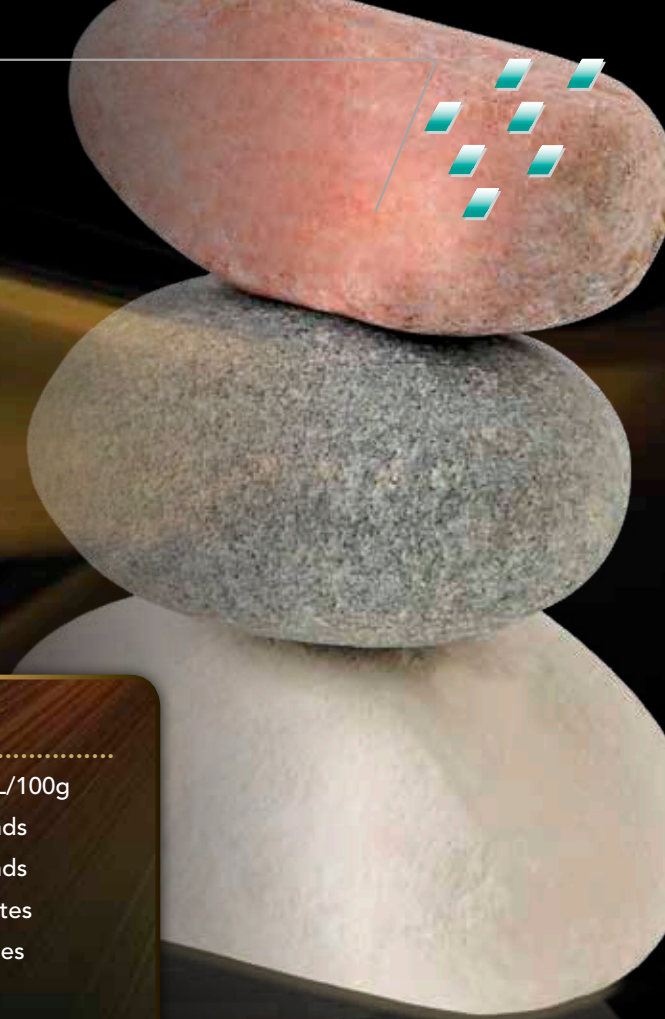
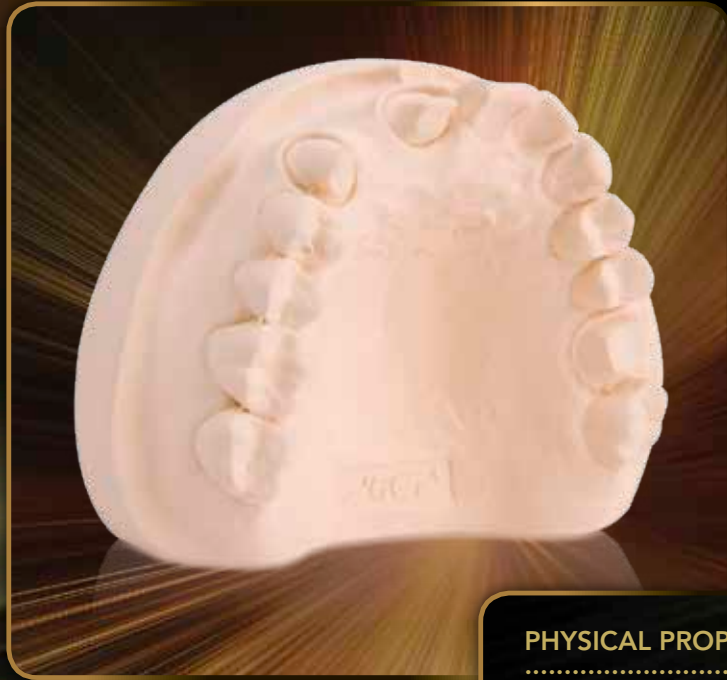
Introducing a special version of GC FUJIROCK EP developed for sensitive CAD/CAM and implant technologies. The special chemical structure and color composition mean that models made from this new special stone can be perfectly scanned by all laser and light-optical scanner systems. GC FUJIROCK EP OptiXscan has an adaptable working time: with 20 mL distilled water setting and working times become shorter, if 21 mL liquid is added, the dental technician has more time to pour more models.

Available in one special color - *Inca Brown*.

BENEFITS

- Compatible with existing scan devices (laser, optical)
- Extremely smooth but non-reflective surface for optimized scanability
- Adaptable working time and short setting time for fast processing
- Variable mixing ratio without difference in physical properties
- Low setting expansion of less than 0.08% for highest precision
- High compressive strength of approximately 53 MPa with less risk of breakage during removal and handling of the model





PHYSICAL PROPERTIES

P/L Ratio	20-21 mL/100g
Manual Mixing	15 seconds
Vacuum Mixing	45 seconds
Setting Time	7-9 minutes
Removal Time	20 minutes
Setting Expansion (after 2 hours)	$\leq 0.09\%$
Compressive Strength	≈ 53 Mpa

SUPER-CAL™ PLUS



SUPER-CAL™ PLUS

A premium type IV die stone, SUPER-CAL PLUS offers high strength and extremely low setting expansion. SUPER-CAL PLUS achieves greater accuracy without breakage and chipping. Detail margins are easy to read. Made in two colors: blue and green.

LOW SETTING EXPANSION (0.08%)

- Achieves greater accuracy

SMOOTH CONSISTENCY

- Excellent flow for impressions

HIGH STRENGTH

- Reduces breakage and chipping

MOST POPULAR COLORS

- Available in blue and green

SMOOTH SURFACE

- Details and margins are easy to read

PHYSICAL PROPERTIES

Water to Powder Ratio	20mL:100g
Pouring Time	9 minutes
Setting Time	12.5 minutes (Not removal time)
Setting Expansion	0.08%
Compressive Strength	55.9 MPa or (8,100 psi)

COECAL™



COECAL™

COECAL is a hard, quick-setting, accurate type III laboratory stone that's unexcelled for its minimum processing change. Its excellent detail reproduction makes COECAL the choice for study models, working models and flasking procedures. It is ideally suited for use with either GC FUJIROCK EP or SUPER-CAL PLUS. Made in two colors: buff and white.

HIGH STRENGTH

- Reduces breakage and chipping

SMOOTH CONSISTENCY

- Excellent reproduction of detail

LOW SETTING EXPANSION (0.13%)

- Great accuracy, excellent to use with either GC FUJIROCK EP or SUPER-CAL PLUS

PHYSICAL PROPERTIES

Water to Powder Ratio	30/100
Initial Set	8-12 minutes
Setting Expansion	0.13%
Compressive Strength	4,350 psi

QUICK SETTING

- Increases production

MOST POPULAR COLORS

- Available in buff and white



GC GYPSUMS SKU

890226 GC FUJIROCK EP, Golden Brown, 12 kg
890227 GC FUJIROCK EP, Pastel Yellow ,12 kg
890222 GC FUJIROCK EP, Golden Brown, 5 kg
890223 GC FUJIROCK EP, Pastel Yellow, 5 kg
890224 GC FUJIROCK EP, Pearl White, 5 kg
890225 GC FUJIROCK EP, Topaz Beige, 5 kg
900482 GC FUJIROCK EP OptiXscan, Inca Brown, 5 kg
310125 COE-CAL, Buff, 25 lbs
310225 COE-CAL, White, 25 lbs
310150 COE-CAL, Buff, 50 lbs
310250 COE-CAL, White, 50 lbs
312525 SUPER-CAL PLUS, Green, 25 lbs
312025 SUPER-CAL PLUS, Blue, 25 lbs
312155 SUPER-CAL PLUS, Green, 50 lbs
312150 SUPER-CAL PLUS, Blue, 50 lbs

RELATED PRODUCTS:



343592 COE-SEP - Tinfoil Substitute, quart

343593 COE-SEP - Tinfoil Substitute, gallon



343691 MULTI-SEP Separating Medium, 2 oz each

343692 MULTI-SEP Separating Medium, 12 oz each



GC FUJIROCK[®] EP Instructions



Powder ratio 100g.



Liquid ratio 20mL.



Hand mix for 15 seconds.



Vacuum mix for 45 seconds.



Consistency should be smooth and creamy.



Carefully pour the cast using vibration.



Allow the gypsum material to set.



Gently remove model¹.



Final model after trimming.

¹ Removal times:
Hydrocolloid: 30 minutes
Alginate: 30 minutes
Polysulphide: 40 minutes
VPS: 40 minutes



Capture every detail.