

GC GRADIA® PREMI

3D Printable Light-Cured Composite for
Definitive Dental Restorations

The *speed* you want –
the *science* you trust



Since 1921

100 years of Quality in Dental

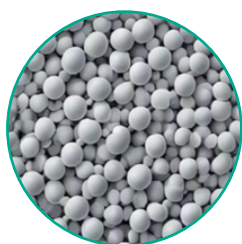
The Speed You Want... the Science You Trust

The challenge in restorative dentistry has never been achieving strength, esthetics, or wear resistance. The challenge has been achieving all of them in the same material. GC GRADIA® PREMi was engineered to meet that challenge. By combining advanced material architecture, proprietary HDM and FSC technologies, natural optical properties, high polishability, excellent wear resistance, and dependable physical strength, GC GRADIA® PREMi delivers a carefully balanced approach to restorative performance. Because true restorative success isn't defined by one property. It's defined by how every property works together.

Advanced Material Architecture

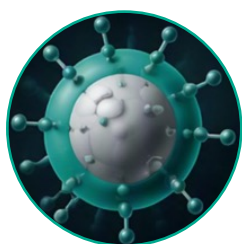
At the heart of GC GRADIA® PREMi are two proprietary GC technologies designed to optimize the interaction between filler and resin matrix. *The science you trust: engineered for superior performance.*

HDM Technology High Density Micronization



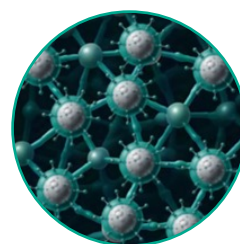
- ✓ Ultra-fine filler distribution
- ✓ Dense filler packaging
- ✓ Reduced resin-rich weak zones

FSC Technology Full Silane Coating



- ✓ Stronger filler-to-resin bond
- ✓ Improved material integration
- ✓ Enhanced physical properties

Advanced Resin Matrix Engineered as a Complete System



- ✓ Designed as a complete system
- ✓ Optimized stress distribution
- ✓ Built for long-term performance

Conceptual illustration of HDM Technology. Image shown for illustrative purposes only and does not represent an actual microscopic (SEM) image of GC GRADIA® PREMi.

HDM Technology (High Density Micronization)

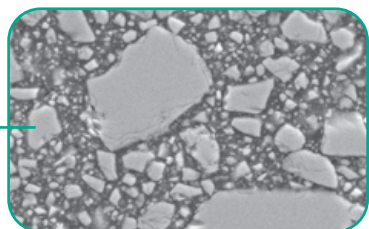
HDM technology creates a dense, homogeneous distribution of ultra-fine fillers throughout the material. By reducing filler clustering and creating a more uniform internal architecture, HDM contributes to improved strength, wear resistance, surface quality, and long-term performance.

FSC Technology (Full Silane Coating)

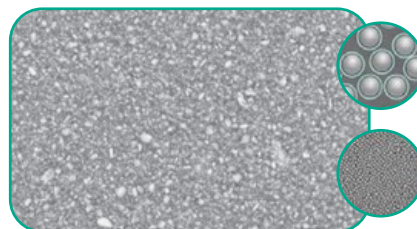
FSC technology provides comprehensive silane treatment of the filler particles, strengthening the connection between filler and resin matrix. This enhanced integration supports physical durability, esthetic stability, and long-term material performance. Together, HDM and FSC technologies create a highly integrated nano-ceramic restorative system engineered for balanced clinical performance.

The Engineering of Strength

Typically contains a range of glass and nano fillers of the varying sizes creating weak points and gaps



Conventional Resin Technologies



GC GRADIA® PREMi

FSC
(Full Silane Coating)
Fully silanized, evenly separated filler

HDM
(High Density Micronization)
Dense, homogenous, uniform distribution, leaving minimal gaps

Designed for Real-World Clinical Performance



370 MPa
Compressive Strength



Biaxial Flexural Strength
Maximum of **235 MPa**



3-Point Flexural Strength
Maximum of **189 MPa**



~300% Aluminium
Equivalent **Radiopacity**



High Wear Resistance
and gentle on opposing
dentition **-11µm**



High Polishability
Self-polishing
characteristics

Mean Values: Flexural Strength 3-point bend : 170 Mpa, Biaxial Strength: 222 Mpa - Radiopacity: 2.5-3.0 mm Al equivalent

Permanent Chairside Restorations: One Material, Multiple Indications & Lasting Results

Crowns



Inlays



Onlays



Veneers



Permanent
Restorative Material



Exclusive
HDM Technology
High Density Micronization



Proprietary
FSC Technology
Full Silance Coating



Delivers
Strength, Esthetics &
Long-Term Performance



Esthetics
b-HT™ Technology
Balanced High Translucency



Natural Esthetics

Balanced High Translucency (b-HT™)

- ✓ Natural light transmission
- ✓ Excellent shade integration
- ✓ Lifelike appearance
- ✓ Reduced risk of value loss



GC GRADIA® PREMi

Ordering Information



GC GRADIA® PREMi

Contains: Three 4mL capsules for the SprintRay Midas™† Digital Press.

10043333 A1 10043334 A2

10043335 A3 10043337 B1

GC GRADIA® PREMi resin capsules are validated for use with Midas™† Digital Press.



Scan the QR code to place your order starting November 2026 and claim your Intro Kit!

More Than a Material: A Complete Restorative Workflow

Reliable products, seamless integration and confident outcomes. Developing a successful restoration requires more than a single material. The restoration is only one part of a larger clinical system that includes preparation, bonding, cementation, finishing, polishing, and long-term maintenance.



G-BOND™ Universal

Universal Adhesive

Kit

10042010 Contains: One 5mL bottle, 20 disposable dispensing dishes and 50 disposable applicator tips.

Unit-Dose Package

10042011 Contains: 50 unit-doses and 50 disposable applicator tips.

Value 3-Pack

10042012 Contains: Three 5mL refill bottles.

Bottle Refill

10042014 Contains: One 5mL bottle.



G-CEM ONE™

Universal Resin Cement

Universal System Kit

10037117 Contains: One G-CEM ONE™ Syringe A2 (4.6g), one G-CEM ONE™ Syringe Translucent (4.6g), 15 GC Automix Tips Regular, five GC Automix Tip for endo, one G-Premio BOND™ 5mL, and one G-Multi PRIMER™ 5mL.

Starter Kits

Contains: One G-CEM ONE™ Syringe (4.6g), eight GC Automix Tips Regular, two GC Automix Tips for endo, and one G-CEM ONE™ ADHESIVE ENHANCING PRIMER (2mL).

013670 A2

013671 Translucent

System Kit

013672 Contains: One G-CEM ONE™ Syringe A2 (4.6g), one G-CEM ONE™ Syringe Translucent (4.6g), 15 GC Automix Tips Regular, GC Automix Tip for endo, one G-CEM ONE™ ADHESIVE ENHANCING PRIMER 4mL, and one G-Multi PRIMER™ 5mL.

Twin Refills

Contains: One G-CEM ONE™ Syringe (4.6g), 15 GC Automix Tips Regular, and five GC Automix Tips for endo.

013673 A2

013674 Translucent

Single Refills

Contains: One G-CEM ONE™ Syringe (4.6g), eight GC Automix Tips Regular, two GC Automix Tips for endo.

013675 AO3

013676 White Opaque



OPTIGLAZE™ color

Optimized Esthetics from Start to Finish

Complete Set

008408 Contains: All color shades (2.6 mL each), all clear shades (5mL each), one disposable palette, one flat brush, one round brush and one brush holder.

OPTIGLAZE™ color Clear Refills

008424 One 5mL bottle

008425 One 5mL bottle (HV)

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