

Lab for Life.™

Premise Indirect | Biomimetic nanotechnology



The art and science of replicating nature.



Indications: *Inlays, onlays, crowns, veneers, bridges, splints, and ideal for implant restorations with proprioceptive tooth-like response.*

Premise Indirect is available in two system configurations:

The Intro System, offers everything needed for Inlays and Onlays. And the Master System has everything from Inlays to full bridges. Both systems include a composite cabinet, curing unit, compo mixing palette, Demi curing light, refills, instruments, accessories and complete multi-lingual instructions.

Features

The result of science born from the success of Herculite XRV™, belleGlass™ NG and Premise™. Premise Indirect™ utilizes the same optimized trimodal polymerization as belleGlass NG, the most respected indirect restorative of its kind.

Natural look and wear. Closely matches natural dentition in wear characteristics, as well as an opalescent appearance that virtually replicates natural enamel like no other restorative material.

Performance. Trimodal curing (light, heat and pressure) achieves over 98% material conversion, as compared to 60 – 70% achieved with light-cure only materials.

Proven history. Twelve years of positive clinical studies and field data, and tens of thousands of successful restorations placed since 1996.



Continued improvements over the years with our indirect restorative line has resulted in superior handling characteristics as well as exceptional polishability.

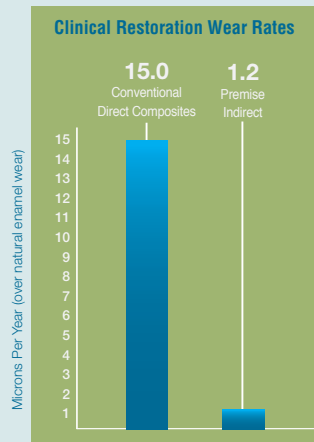
The ideal nanohybrid restorative for creating restorations that age, feel, wear, function and look like a natural tooth.



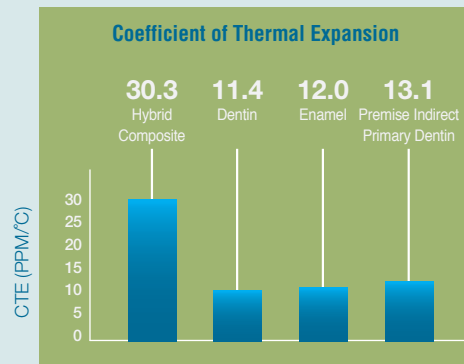
Research

The combination of large prepolymerized filler (PPF) particles, 0.4 micron structural filler and small silica nanoparticles allows higher filler loading, improved physical properties, optimal handling, higher surface gloss and reduced polymerization shrinkage.

In-vivo measurements of wear over a five-year period shows an average of 1.2 microns a year – closer to the wear of natural teeth than any other material tested.



Premise Indirect more closely matches the coefficient of thermal expansion (CTE) of natural dentin – resulting in a material that looks and acts virtually the same as natural tooth structure.



- S. Suzuki and C.F. Cox: 5-Year Study, UAB Internal Report to Kerr Corp., Feb. 29, 1996.
- D.A. Givan, S.J. O'Neal and S. Suzuki: 8-Year Study, J. Dent. Res. V.79 Special Issue Abst. #1523, April 2000.

Inspired by...

Biomimetic refers to human-made processes, substances, devices or systems that imitate nature. The art and science of designing and building biomimetic apparatus is called biomimetics. Nanotechnology involves the creation and manipulation of complex structures on the scale of nanometers – something organisms have done for about 3.8 billion years.



Dentistry by Gary Radz, DDS, Restoration by Roger Burdess, Dental Arts Laboratory — Signature Restorations

We're here to help

Contact

Dental Laboratory Products

Kerr Corporation
 1717 West Collins Avenue, Orange, CA 92867

Ordering

Ph 888.766.7650
 714.516.7650
Fax 888.766.7649
 714.516.7649

kerrlab.com

Ordering

Systems

33799 Intro System, 115V
 33800 Intro System, 230V
 33631 Intro Refill Kit
 33797 Master System, 115V
 33798 Master System, 230V
 33630 Master Refill Kit

Primary and Facial Dentins

Primary	Facial	Shade
33585	33603	A1
33586	33604	A2
33587	33605	A3
33588	33606	A3.5
33589	33607	A4
33590	33608	B0
33591	33609	B00
33592	33610	B1
33593	33611	B2
33594	33612	B3
33595	33613	B4
33596	33614	C1
33597	33615	C2
33598	33616	C3
33599	33617	C4
33600	33618	D2
33601	33619	D3
33602	33620	D4

Incisal

33621 Incisal, Neutral
 33622 Incisal, Light
 33623 Incisal, Grey
 33624 Incisal, Cuspal
 33625 Incisal, Clear
 33626 Incisal, White

Opaque

800-110 Opaque, A1
 800-111 Opaque, A2
 800-112 Opaque, A3
 800-113 Opaque, A3.5
 800-114 Opaque, A4
 800-115 Opaque, B1
 800-116 Opaque, B2
 800-117 Opaque, B3
 800-118 Opaque, B4
 800-119 Opaque, C1
 800-120 Opaque, C2
 800-121 Opaque, C3
 800-122 Opaque, C4
 800-123 Opaque, D2
 800-124 Opaque, D3
 800-125 Opaque, D4
 800-126 Opaque, Cervical

Kolor+Plus

23394 Yellow
 23395 Lavender
 23396 Brown
 23397 Blue
 23398 White
 23399 Red
 23400 Grey
 23404 Ochre

Equipment

800-010 Curing Unit, 115V
 800-011 Curing Unit, 230V
 31094 Nitrogen Regulator
 31095 Regulator Hose
 33676 Composite Cabinet
 33679 Compo Mixing Palette
 33550 Composite Instrument
 33549 No. 1 Brush
 5300 Compo Roller
 910770 Demi Curing Light

Construct

30869 Kit - 1,2,3mm
 30870 Refill 1mm
 30871 Refill 2mm
 30872 Refill 3mm
 30873 Refill Resin Natural
 30874 Refill Resin Light
 30875 Refill Resin Dark
 26959 Scissors

Accessories

900-152 Cervical/RedBrwn
 900-675 Rubber Sep
 800-503 Modeling Resin
 800-507 Silane Primer
 800-654 Dia. Polish Paste
 800-656 Dia. Polish Paste Fine