

ACTIVA™ BioACTIVE-RESTORATIVE™

BioACTIVE Products for ProACTIVE Dentistry

PULPDENT®



The Future of Dentistry Now in Your Hands



MIMICS NATURAL TEETH

ACTIVA bioactive products are composite resins that are more bioactive and release more fluoride than glass ionomers. They are the first dental restoratives with a bioactive resin matrix, a shock-absorbing resin component, and bioactive glass fillers that mimic the physical and chemical properties of natural teeth and deliver direct long-term benefits to your patients.

YOUR PATIENTS WILL THANK YOU

ACTIVA represents a proactive approach to dentistry that anticipates future oral health needs and emphasizes prevention and long-term patient care. Be proactive. Build your practice with ACTIVA bioactive products.

"SMART" BIOACTIVE MATERIAL

ACTIVA is a "smart" material that is moisture tolerant and continuously reacts to pH changes in the mouth to release and uptake calcium, phosphate and fluoride ions and help maintain the chemical balance of tooth structure.

ESTHETIC AND DURABLE

ACTIVA is a highly esthetic restorative that resists wear and chipping, and absorbs shock and stress forces like natural teeth. It is tougher and more durable than traditional restorative materials.

LONG LASTING BENEFITS

The bioactive properties of ACTIVA recharge in the mouth and keep working after your patients leave the office. This continues indefinitely, and patients enjoy a lifetime of benefits from each treatment.

Indicated for Class I, II, III and V restorations. Ideal for bulk filling.

3 Key Components

An unparalleled combination of chemical and physical properties deliver esthetics, bioactivity, toughness, resilience and marginal integrity:

1. Patented bioactive ionic resin
2. Patented rubberized resin
3. Bioactive glass ionomer

Key Features

- Tough, resilient, fracture and wear resistant, absorbs shock
- Releases, recharges calcium, phosphate and fluoride
- Natural esthetics – Highly polishable
- No sensitivity
- Ionic bonds form exceptional marginal seal
- Resists chipping and crumbling
- Dimensionally stable
- Moisture friendly
- Low water sorption - Low solubility
- Light cure, self-cure, no depth of cure concerns
- Radiopaque

Available in easy to use automix syringes – no mixing, no capsules, no porosity, no waste!

ACTIVA contains no Bisphenol A, no Bis-GMA and no BPA derivatives

The alternative to traditional RMGIs, GIs and composites

ACTIVA is Esthetic and Durable with Continuous, Long Lasting Bioactivity



A1 Conservative cavity prep on first molar

Photos courtesy of Dr. Leon Katz



A2 Molar restored with ACTIVA BioACTIVE-RESTORATIVE



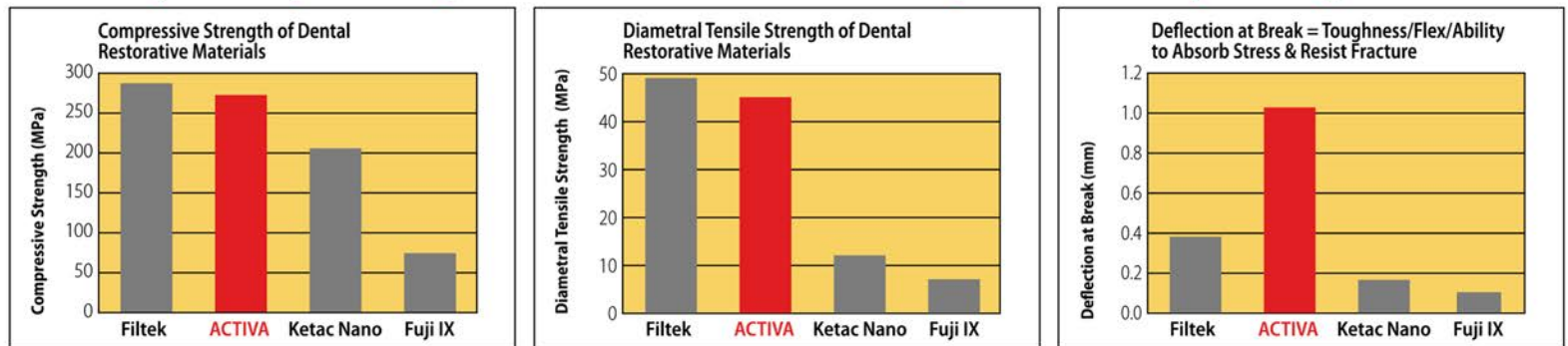
B1 Shows Class II cavity prep

Photos courtesy of John Comisi, DDS



B2 Shows tooth restored with ACTIVA BioACTIVE-RESTORATIVE

ACTIVA Physical Properties Outperform RMGIs and GIs and are Comparable to or Surpass Composites



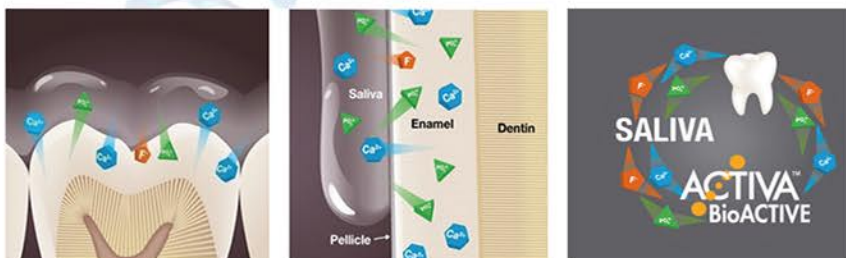
Key for Restorative Materials Charts: Filtek = Composite; ACTIVA = Bioactive Composite; Ketac Nano = RMGI; Fuji IX = Glass Ionomer *University testing*
Filtek, Ketac and Fuji IX are trademarks of 3M ESPE, 3M ESPE and GC respectively.



Breakthrough Restorative Limitations

Dentin-Enamel Replacement with **No Bonding Required**.
Moisture Friendly. Reacts to pH change. And more.

TOUGH, DURABLE & ESTHETIC
ACTIVA™ 30-MONTH RECALL



October 7, 2012

March 23, 2015

Photos courtesy of Dr. John Comisi