

# GLUMA® Bond Universal – The all-in-one drop



By Kulzer

Based on our long-term bonding expertise, we developed GLUMA Bond Universal – a universal bonding answering to all your bonding needs. It is a reliable and highly effective adhesive that ensures successful long-term restorations.

GLUMA Bond Universal is effective owing to its easy handling properties and the reliable bond strength. Our unique moisture control system containing MDP makes the air-drying just as easy and provides a homogeneous bonding layer. Thanks to our exclusive drop control you can be sure to apply just as much adhesive as you need. With GLUMA Bond Universal, you bond efficiently and economically and you are sure to have created the required precondition for a long-lasting restoration.



**You just need one bottle!  
... for all techniques**

With GLUMA Bond Universal, you are free to choose your bonding technique. Whether you prefer the total-etch-, selective etch or self-etch-method – you always get reliable bond strength.

**... for all dental materials**

GLUMA Bond Universal is compatible with all kinds of dental materials – light-, self- or dual-cure materials, resin cements, core-build-up materi-

als, self-cure/dual-cure composites and compomers for the cementation of indirect restorations – without the need of a dual cure activator. Furthermore, repair restorations with zirconia, precious and non-precious alloys and composites can be carried out quickly and easily in only one layer.

**... for a broad range of indications and intraoral repairs**

One bottle provides the adhesive for indications of direct and indirect restorations – and for intraoral repairs of chippings and fractures.

- Bonding of direct restorations for all cavity classes (Black) using light-curing, dual-curing or self-curing methacrylate-based composites / compomers.
- Bonding of light-curing, dual-curing or self-curing core build-up materials.
- Sealing of hypersensitive tooth areas.

- Sealing of cavities prior to amalgam restorations.
- Bonding of fissure sealants.
- Sealing of cavities and core preparations prior to temporary cementation of indirect restorations (according to the immediate dentine sealing technique).
- Cementation of indirect restorations with light-curing, dual-curing or self-curing adhesive resin cements.
- Intraoral repair of composite and compomer restorations, porcelain fused to metal, metal and all-ceramic restorations.

When you can find the universality of bonding in one bottle, there's just no point in choosing anything else.

### GLUMA® Ceramic Primer

For bonding and repairing silicate ceramics, you apply GLUMA Ceramic Primer for reliable bond strength. **DT**

# Charisma® Topaz – Innovative chemistry for day-to-day natural restorations

By Kulzer

The Charisma brand is trusted all over the world for its easy handling, high quality and reliability in restorations. That is why incorporating the most successful features of Charisma composites in one product just seemed logical to us. The result is Charisma Topaz, a light-curing,

radiopaque nano-hybrid composite based on the patented TCD-matrix. This innovative formula combined with the approved easy Charisma handling works as the foundation for down-to-earth restorations of natural beauty.

Charisma Topaz is the three-in-one composite solution:

- Easy handling: Charisma Topaz offers a creamy, yet stable consistency with an extended working-time and a high, long-lasting gloss after polishing.

- Superior physical properties: Charisma Topaz now features our patented TCD matrix, which combines high flexural strength and minimal

shrinkage. In addition, it is compatible to all commonly used bonding materials and techniques.

-Versatile layering: Apply easy single-shade layering or multi-shade layering techniques for your more complex cases. You always get durable natural restorations. **DT**



BIOACTIVE SEALING AND FILLING

## roeko GuttaFlow® bioseal

Double safety level



### Step 1 (direct protection)

Protection already at filling, e.g. with bioactivity due to possible residual moisture in the root canal



### Step 2 (sleeping protection)

Regenerative protection against possible moisture ingress, e.g. by cracks



ELECTRIC DISCHARGE MACHINING NITI FILES

## HyFlex™ EDM

- Up to **700%** higher fracture resistance
- Specially hardened surface
- Less filing required for treatment success
- Fracture resistance by visual inspection

**ORIFICE OPENER**  
(optional)  
25 / .12

Glidepath File  
10 / .05  
**OneFile**  
25 / ~

**FINISHING FILES**  
(optional)  
40 / .04  
50 / .03  
60 / .02

