

GLUMA® Bond Universal

The all-in-one drop.

The scope of bonding in one bottle, that is GLUMA Bond Universal.

One bottle ...

- **»** for all techniques total-etch, selective enamel etch, and self-etch.
- >> for all dental materials without the need of a dual cure activator.
- » for a broad range of indications of direct and indirect restorations and intraoral repairs.
- >> for an efficient and economical workflow thanks to easy handling properties, the unique moisture control system and our exclusive drop control.

Giving a hand to oral health.



GLUMA® Bond Universal

The universal bonding has been universally confirmed.

One bottle ...

... for your preferred bonding technique:

With GLUMA Bond Universal you take just one bottle for any bonding technique: total-etch, selective enamel etch, and self-etch. You are free to choose your bonding technique – you always get reliable bond strength. In addition, studies also show the reduced technique sensitivity of GLUMA Bond Universal, thus confirming the easy handling in any technique.

Mean shear bond strength (MPa) on bovine dentine after 24h water storage and 5,000 cycles thermocycling (5°C/55°C) obtained by undergraduate dental students ■■ 24h ■■ Thermocycling AR BC ABC 35 20 15 10 5 0 OptiBond FL® GLUMA® Bond Universal GLUMA® Bond Universal Etch&Rinse Self-Etch Same letter denotes no statistical significant difference between groups (ANOVA, LSD, p<0.05)

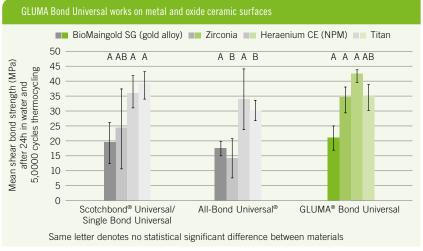
Source: internal data, University of Mainz & Kulzer, Germany, 2014

... for all dental materials:

The MDP contained in GLUMA Bond Universal ensures excellent bond strength on metal and ceramic surfaces, as laboratory trials have confirmed. For silicate ceramic surfaces, just apply GLUMA Ceramic primer on the restoration prior to GLUMA Bond Universal.

... for economical application:

With our drop control – exclusively from Kulzer – you apply just as much bonding agent as you need. Thanks to the notched bottle design, the amount of single drops goes up to 220 per bottle.



Source: internal data, Kulzer, Germany, 2014

... for efficient bonding and reliable bond strength:

The unique moisture control system of GLUMA Bond Universal provides for better water chasing, which is the pre-condition for getting a homogeneous bonding. The glossy appearance of the layer indicates you have applied the GLUMA Bond Universal correctly. The result is a stable and enduring adhesion – an essential requirement for long-lasting restorations.





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