



GLUMA® Desensitizer
More gain, less pain.

Giving a hand to oral health.



KULZER
MITSUI CHEMICALS GROUP

GLUMA® Desensitizer

Easily applied – widely applicable.

More gain, less pain.

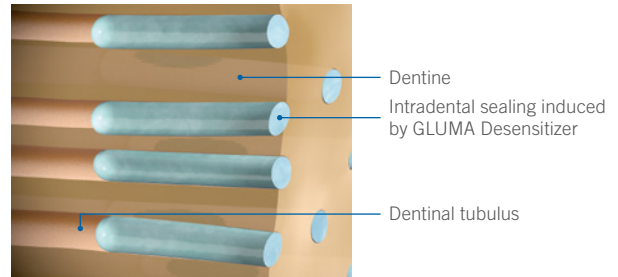
One of the most impairing effects on your patients' daily well-being is hypersensitivity. Sweet or sour dishes, hot or cold morsels – the acute pain is unpleasant and rather blocked out.

For more than 20 years, one drop of GLUMA Desensitizer has been all you need to stop and prevent hypersensitivity. The result is fast and effective, without mixing, curing or repetitive steps. And your patients feel a prompt relief.

How does it work?

GLUMA Desensitizer achieves its effects by precipitation of plasma proteins, which reduces dentinal permeability and occludes the peripheral dentinal tubules. This inhibits the flow of fluid through the tubules which is the cause of sensitivity.

In addition, GLUMA Desensitizer provides a seal that acts as a microbial barrier.



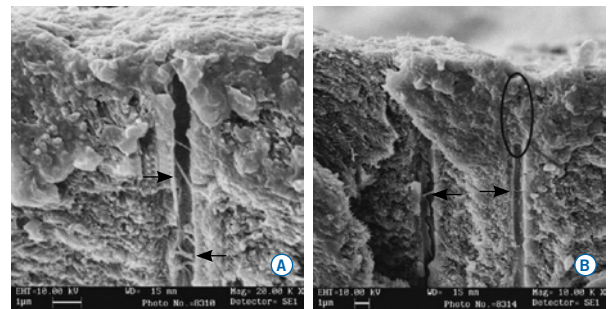
Schematic representation of effect.

Indications:

- To reduce or even eliminate pain in exposed cervical areas not requiring restoration.
- To alleviate or prevent dentinal sensitivity after preparation of teeth to receive indirect or direct restorations.

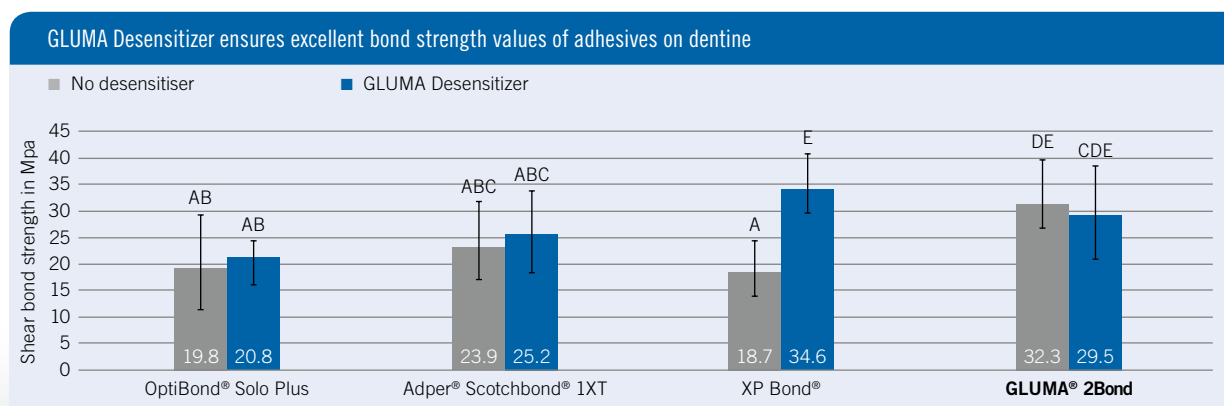
Benefits:

Use GLUMA Desensitizer under every restoration – direct and indirect – to ensure your patients the comfort they deserve. Your patients appreciate the fast, effective and long-term results.



Joshi-2013: Longitudinal sections of a specimen treated with GLUMA Desensitizer at $\times 20,000$ and $\times 10,000$ respectively. The arrows show characteristic transverse septa while the circled area shows an occluded area.

Compatibility of GLUMA Desensitizer and adhesive systems.



Similar letters represent non-statistically significant differences. Source: Schwegge J, Hoffmann M, Kastrati A, Utterodt A, Riedel N, Schaub M: Effect of GLUMA Desensitizer on Bond Strength of Etch & Rinse Adhesives. J Dent Res 90 (Spec Issue A): 3172, 2011.

GLUMA® Desensitizer

More precise, more economical – with drop control.

Precision right down.

Have you and your assistant ever complained about that drop running down the dropper, jamming the cap? That becomes a thing of the past with our designed droppers for bonding agents and desensitizers. The notched design ensures a better cut of the drop.



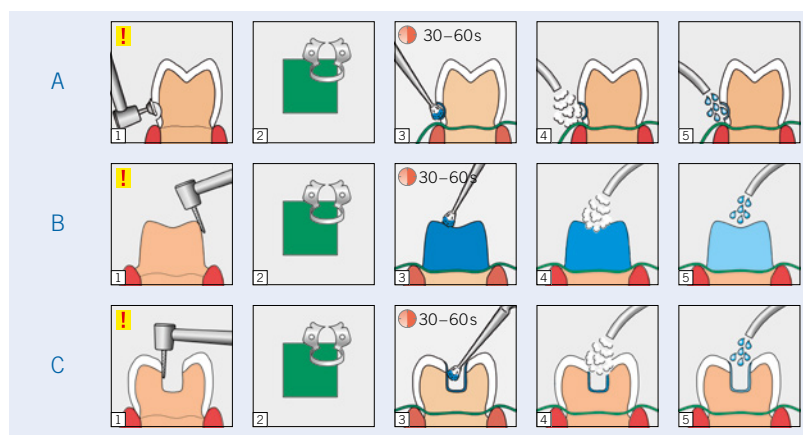
The new drop control entails several other benefits:

- No jamming or soiling of the opening.
- A very precise output of desensitizing agent: Depending on the applied pressure, you can produce a smaller or bigger drop – always with a clean cut.
- The amount of single drops goes up to 220 per bottle.

GLUMA Desensitizer's benefits at a glance.

- ☒ One-step placement ► No agitation or light curing required makes it easy to use and saves time
- ☒ Universally compatible ► GLUMA Desensitizer can be used with bonding and restorative materials, in any situation
- ☒ Economical ► One drop, multiple applications

Application guide GLUMA Desensitizer.



GLUMA Desensitizer
1 x 5ml Bottle
Art. code: 66003764



GLUMA® Bond Universal – All-purpose convenience.

Our definition of universal bonding is convenience:

- **Unique moisture control and instant bonding success:** Due to the unique moisture control system and optimised monomer blend, GLUMA Bond Universal offers excellent dentine penetration and reliable bond strength.
- **The all-rounder for bonding matters:** GLUMA Bond Universal enables bonding of composite, precious metal, non-precious metal, zirconia or glass ceramic, and is compatible with light-cure, dual-cure and self-cure materials.
- **Easy and precise application:** Self-etch, total-etch or selective etch – the choice is yours. In addition, our specially designed drop control delivers just the amount of bonding agent you need.



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