

GLUMA®

Tips & Tricks



Tips & Tricks

GLUMA Desensitizer

Giving a hand to oral health.



KULZER
MITSUI CHEMICALS GROUP

Introduction

Hypersensitive teeth have a decidedly negative impact on patients' quality of life and can cause considerable discomfort to the patients during dental treatment. GLUMA Desensitizer has been used successfully for the treatment and prevention of hypersensitive dentine since 1997. The result is fast and effective, without mixing, curing or repetitive steps. And your patients feel a prompt relief.

In this brochure we want to introduce you to the easy application of GLUMA Desensitizer for three different indications:

- Treatment of exposed **cervical areas** not requiring restorations
- Treatment of prepared dentine to receive **direct** restorations
- Treatment of prepared dentine to receive **indirect** restorations.

We guide you through the few application steps. See for yourself how easy it is to protect your patients from hypersensitivity and post-operative discomfort.



Dr. med. dent. Janine Schweppe
Head of Global Scientific and Clinical Affairs
Hanau (Germany), August 2022



01

Treatment of exposed cervical areas not requiring restorations

1. Preparation



Clean the dentine using pumice slurry, under local anaesthesia if necessary, and then rinse off with water. Protect mucous membranes by using a rubber dam.



Warning: Always protect the gum to prevent glutaraldehyde-induced irritation of the gingiva.

2. Application



GLUMA Desensitizer



Tip: It can take up to a couple of hours until the optimum desensitizing effect is achieved. If a single application of GLUMA Desensitizer does not produce sufficient and sustained pain relief, the treatment can be repeated at the same or a subsequent appointment before alternative treatments are used.

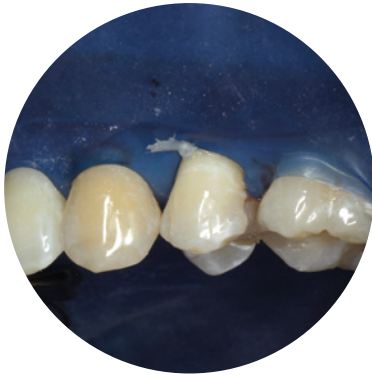
Apply the minimum amount of GLUMA Desensitizer required to the dentine surface to be treated by using an applicator tip, brush or similar.



GLUMA Desensitizer enables

- Long-lasting reduction of dentine hypersensitivity.
- Easy application.
- Non-invasive treatment.

3. Exposure time



30-60
sec.

Gently massage in for approx. 30 to 60 seconds. Then dry the surface carefully in an air stream until the liquid film has disappeared and the surface is no longer shiny.

4. Rinse off

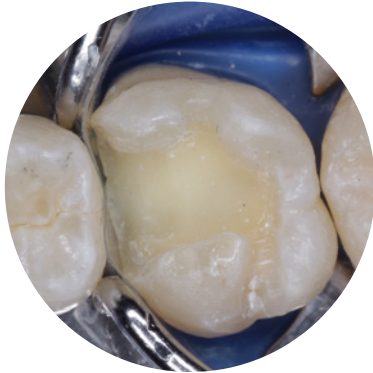


Then rinse with plenty of water under suction. Mouth washing of the patient alone is not sufficient.

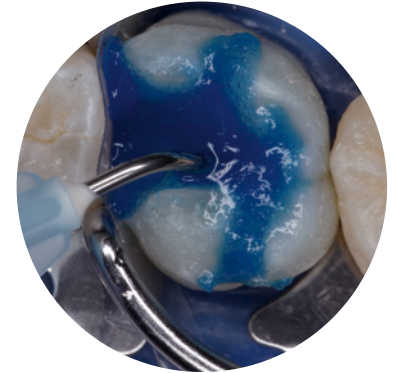
02

Treatment of prepared dentine to receive direct restorations

1. Preparation



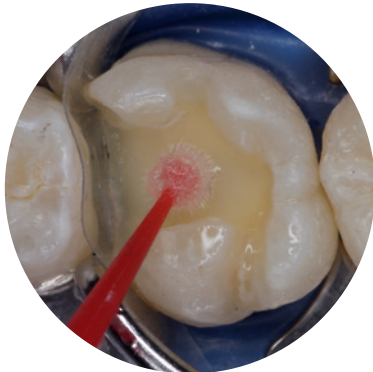
GLUMA Desensitizer



Protect mucous membranes by using a rubber dam. Excavate and prepare the cavity for a direct composite restoration.

Tip: In combination with adhesives used in total etch or selective enamel etching technique, GLUMA Desensitizer should be applied after phosphoric acid etching. In case of self-etch adhesives, GLUMA Desensitizer is to be applied prior to the adhesive.

2. Application



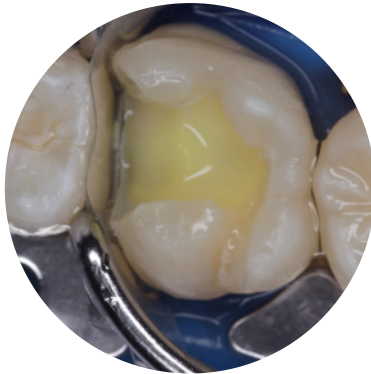
Apply the minimum amount of GLUMA Desensitizer required to the dentine surface to be treated by using an applicator tip, brush or similar. Gently massage in for approx. 30 to 60 seconds. Then dry the surface carefully in an air stream until the liquid film has disappeared and the surface is no longer shiny.



GLUMA Desensitizer ensures

- Compatibility with dental adhesives and adhesive resin-based luting materials.
- Easy to use and time saving: no agitation or light curing.

3. Rinse off



Then rinse with plenty of water under suction. Mouth washing of the patient alone is not sufficient.

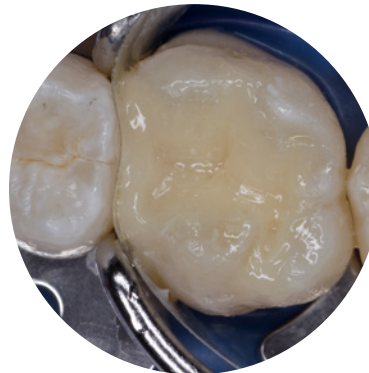
4. Application of the adhesive



GLUMA Bond Universal



Apply the adhesive (e.g. GLUMA Bond Universal) on the entire cavity.



Finally place the composite (e.g. Charisma Diamond ONE) increments.



Charisma Diamond ONE

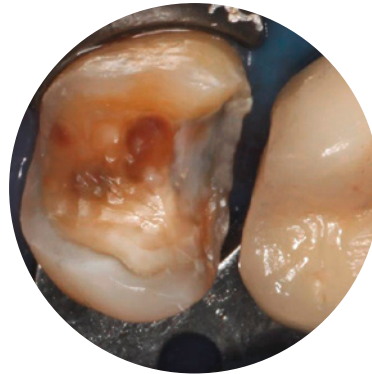
03

Treatment of prepared dentine to receive indirect restorations

1. Preparation



Clinical situation: Insufficient Cerec ceramic partial crown on tooth 17.



Cavity preparation after mesial box elevation using GLUMA Bond Universal and Charisma Opal Flow Baseliner.

A box elevation technique transforms localised sub-gingival margin lines into equi- or supra-gingival prep lines which allow easier impression taking and cementation:

- Isolate corresponding box with rubber dam and/or a sub-gingival partial matrix or retraction cord to avoid any contamination
- Apply GLUMA Bond Universal in a self-etch mode and light cure
- Place a flowable to elevate the margin and light cure
- Finish and polish interproximally to ensure a step-free, smooth transition
- Prepare tooth for restoration

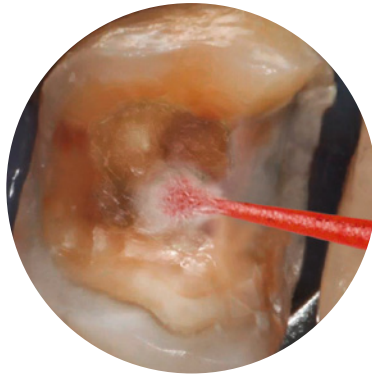


GLUMA Bond Universal

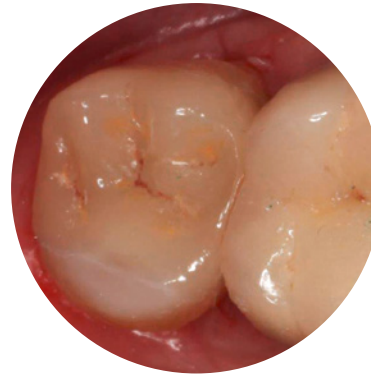


Charisma Opal Flow Baseliner

2. Application



30–60
sec.



Apply GLUMA Desensitizer on dentine.
Gently massage in for approx. 30 to 60 seconds.
Then dry the surface carefully in an air stream
until the liquid film has disappeared and the
surface is no longer shiny.
Then rinse with plenty of water under suction.
Mouth washing of the patient alone is not sufficient.

Final restoration after bonding of the
cavity surface and luting of the disilicate
partial crown using an adhesive cement.



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Tip: In combination with adhesives used in total
etch or selective enamel etching technique,
GLUMA Desensitizer should be applied after
phosphoric acid etching.
In case of self-etch adhesives, GLUMA
Desensitizer is to be applied prior to the adhesive.

Get further product information about GLUMA Desensitizer!



kulzer.com/desensitizer

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❖ FAQs

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❖ VIDEOS

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- Instructions for use
- Material Safety Data Sheet
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Contact in Germany

Kulzer GmbH
Leipziger Straße 2
63450 Hanau
Germany
info.dent@kulzer-dental.com