

Aesthetic crown workflow: GC Initial LiSi Block & Initial LiSi Press



LITHIUM DISILICATE: LONG LASTING BEAUTY
Initial LiSi Block & Initial LiSi Press combine unparalleled strength and exceptional aesthetics with the major bonus of a faster, more user-friendly process. Get an outstanding aesthetic crown with minimum effort and excellent physical properties.

Scan the QR code for more information:



Preparation recommendations



Round Shoulder



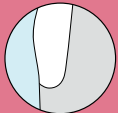
Deep chamfer



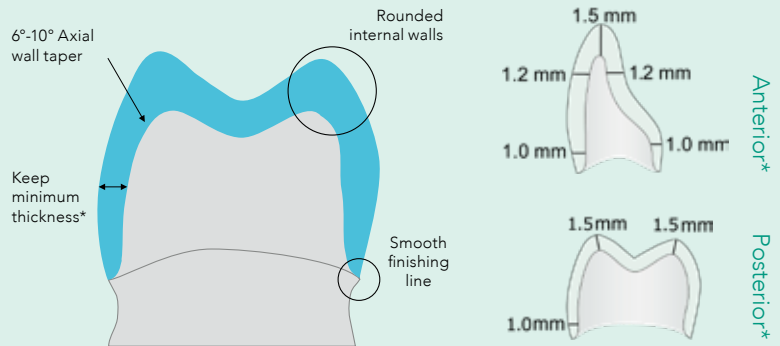
Feather edge



Undercut



Jump margin



*Recommendations for Initial LiSi Block & Initial LiSi Press. Always follow the manufacturer's instructions.

Luting recommendations



Retentive shape is not sufficient



Dry working field can be assured



High aesthetics are required



Extra adhesion is needed

Find the step-by-step for all your cementations on GC Luting Guide:



GC-CEM ONE is a highly advanced, universal self-adhesive resin cement with dual cure ability, designed to provide strong and durable bonding of indirect restorations.

- **Reliable:** efficient chemical polymerization even under opaque or thick restorations
- **Universal:** high performance for any type of restoration, including non-retentive ones (when using the Adhesive Enhancing Primer or G-Premio BOND)
- **Technique insensitive:** moisture tolerance, ideal viscosity, easy excess removal
- **Simple:** standardized protocol with very easy handling
- **Aesthetic:** 4 shades and excellent wear resistance for long-lasting invisible margins

Alternatively, in case of retentive preparation, FujiCEM Evolve, an easy-to-use and versatile resin modified glass-ionomer cement can be used.

Preparation step-by-step



1. Before starting the preparation, a silicone key or an intra-oral scan can be made to check the reduction.



2. Depth of the preparation can be controlled by making grooves with a round diamond bur, then connecting the grooves using a cylindrical bur.



3. Preservation of the adjacent teeth and creation of a proper taper for the insertion path is advised.



4. Preparation reduction can be followed by the palatal concavity and the gingulum.



5. Smoothing of the incisal edge and creation of a rounded finishing should be ensured.



6. Depth of the preparation can be checked at any point with a silicone key or intra oral scanner.



7. Impression can be taken in a conventional way or digitally.

MISTAKES TO AVOID IN PREPARATION:

- Not respecting the natural tooth shape while reducing it
- Absence of palatal concavity
- Very strong proximal angulation
- Undercuts & enamel hooks
- Not respecting the gingival contour

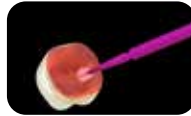
Pre-treatment step-by-step



1. Clean, rinse and dry the preparation.



2. Check the fit. Remove the restoration and clean it.



3. Etch with hydrofluoric acid for 20 sec. Rinse and dry the restoration.



4. Apply Silane such as G-Multi Primer on the restoration. Dry with air syringe.



5. Rinse and dry the prepared tooth.

Luting step-by-step with G-CEM ONE



6A. Optional, apply G-CEM ONE ADHESIVE ENHANCING PRIMER, wait 10 sec., and dry for 5 sec. Light-cure is NOT needed.



6B. Optional, apply G-Premio BOND, wait 10 sec., dry for 5 sec. and light-cure for 10 sec.



7. Apply G-CEM ONE directly into the restoration.



8. Immediately seat onto the preparation. Maintain moderate pressure.



9. When cement feels rubbery, remove the excess while maintaining moderate pressure. Option: excess can be flash cured for 1 sec.



10. While maintaining moderate pressure, light cure all surfaces/ margins for 20 sec. or let the material set for 4 min.



11. Polish the margins with rubber polishers. Proceed with occlusion check and polishing of the adjusted areas.

TIPS & TRICKS

- For temporization, use TEMPSMART DC for beautiful results and easy polishing.
- Isolation with rubber dam is recommended while using resin cement.
- Sandblasting of the tooth surface before luting is highly recommended.
- Use of Silane on the lithium disilicate restoration is compulsory.

- In case of low retentive shape of preparation, G-CEM ONE in combination with G-CEM ONE Adhesive Enhancing Primer or G-Premio BOND should be used after selective enamel acid etching.