

Instruction manual

Link – Attachment Composite

1. General product description

Two-component composite for connecting prosthetic retaining elements or telescopic or conical crowns and prefabricated retaining elements with the model casting. It can be applied in the laboratory on the model or directly in the patient's mouth. With Link, metal parts can be connected without tension. A high proportion of inorganic fillers ensures a high final hardness and thus the stability required by dental technology.

2. Composition

Fillers, BisGMA, 1,4-BDDMA, dibenzoyl peroxide

3. Indications

- Connection of prosthetic retaining elements.
- Connection of telescopic or conical crowns with the model casting.
- Connecting prefabricated retaining elements with the model casting.

4. Contraindications

- Do not use if you are known to be allergic to any of the components.
- Unpolymerized luting composite may cause skin allergies.
- Users should wear gloves.

5. Application / Processing of Link

5.1 Processing of Link for connecting prosthetic retaining elements or telescopic- or conical crowns and prefabricated retaining elements with the model casting.

5.2 Preparatory work

5.2.1 Construction of the joint

The composite surfaces must be designed to be durable and stable. When placing the secondary structure, make sure that there is an even, thin gap. This ensures a tension-free fit and is filled in by Link. In the case of prefabricated retaining elements, undercuts must be created in the bonding area and the manufacturer's instructions must be observed.

5.2.2 Preparation of the interconnection points

After the stress-free seating of the primary and secondary parts has been checked, they are provided with undercuts and blasted with aluminium oxide (max. 125 µm). Condition metal surfaces after evaporation with a metal composite system.

5.3 Dosage of Link

After placing the mixing tip and pressing the plunger, both components are automatically mixed together. Leave the mixing tip on the syringe as a cap after use.

Processing width from start of mixing: approx. 3 min

Start of setting: approx. 4:30 min.
 End of setting: after approx. 8 min.
 The specifications apply at a room temperature of 22° C.
 For working in the mouth:
 Processing width from the start of mixing: 45 sec.
 Start of setting: approx. 1 min.
 End of setting: after approx. 1:30 min.

Higher temperatures accelerate lower temperatures decelerate the setting.

5.4 Application of Link in the lab

With a spatula Link is applied to the die and the matrix. The metal parts are reduced and fixed without tension on the model. Make sure that the joints are completely filled with link and that there are no air pockets or impurities. The object must not be moved from the beginning of setting to the hardening.

5.5 Application directly on the patient

With a spatula Link is applied to the parts to be joined. The metal parts are reduced and fixed in the mouth without tension. The object must not be moved from the beginning of setting to the hardening.

6. Troubleshooting /FAQ List

Processing time too short	- Excessively warm environments such as summer temperatures or heating reduce the processing time.
Processing time too long	- Application directly from the refrigerator leads to delayed curing.
Material does not cure sufficiently	- Eugenol/wintergreen oil containing substances prevent polymerisation. - There is insufficient mixing. Please use the original mixing tips.
Material cured	- After use, close the cap instead of leaving the mixing tip on the syringe (contamination of components A+B)
Construction does not fit exactly	- Constructions were moved before setting - Material already too firm: Please glue fewer parts at once.

7. Warranty

Our technical application advice whether given verbal, in writing or through practical instructions, is based on our own experiences and can therefore only be seen as guidelines. Our products are subject to continuous development. We therefore reserve the right to make possible changes.

8. Note

- Link is dimensionally stable up to 120°C.
- Link is easy to grind.

9. Storage

Store in the refrigerator at 3°C - 9°C

10. Shelf-life

The maximum shelf life is printed on the label of each syringe. Do not use after the expiry date.

11. Side effects

Adverse side effects of this medical product are very rare if properly processed and used. However, immune reactions (e.g. allergies) or local sensitivities cannot be completely excluded. Should you become aware of any adverse side effects - even in cases of doubt - please inform us.

12. Contraindications/interactions

If the patient is hypersensitive to one of the ingredients, this product must not be used or only under the strict supervision of the attending doctor/dentist. In these cases the composition of the medical product supplied by us is available on request. Known cross-reactions or interactions of the medical product with other materials already in the mouth must be taken into account by the dentist when using it.

13. Note

Please pass on all of the above information to the dentist you are attending if you are using this medical device for a custom-made product. Please observe the existing safety data sheets when using this product. Avoid contact with mucous membranes and skin in an uncured state.



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