

Finally: secure retention, removal of restorations

without damage

"Altogether, implantlink® semi revealed excellent adhesive properties, a low layer thickness and high marginal tightness."*

implantlink® semi

The first removable semi-permanent cement for implant restorations

Product features

- interlocking, masticatory-stable cementing
- stress-free cementing due to convenient working time (80 sec.)
- significantly lower displacement resistance than conventional cements
- residues can be effortlessly removed (large pieces, no crumbling)
- extremely low layer thickness, only 8 µm for maximum fitting accuracy
- ultimate marginal gap sealing through highly cross-linked, non-brittle polymer structure
- damage-free removal of the restoration
- flexible processing times with the dual curing system, controlled gel phase
- compatible with all material combinations
- colour: natural opaque for screening metallic abutements
- antibacterial, eugenol-free, odourless & tasteless



more information: www.detax.de/implantlink

"Easy handling, simple removal of fixed restoration applying normal extraction force."*



Secure adhesion, high compressive strength

The perfectly formulated adhesive properties lead to a masticatory-stable adhesion, but still allow removal of the superstructure without damage. This facilitates repairs, shade matching, extraoral cleaning, the treatment of periimplantitis and allows gingiva forming techniques to be performed.

Damage-free removal

For control or other purposes restorations fixed with implantlink® semi can be removed without damage using common standard aids (e.g. Crown Butler, Corona Flex). Excess of the fixing material (cement pieces) can be removed easily, quickly and free of residues. The restoration can be re-inserted with little effort after cleaning and short disinfection.

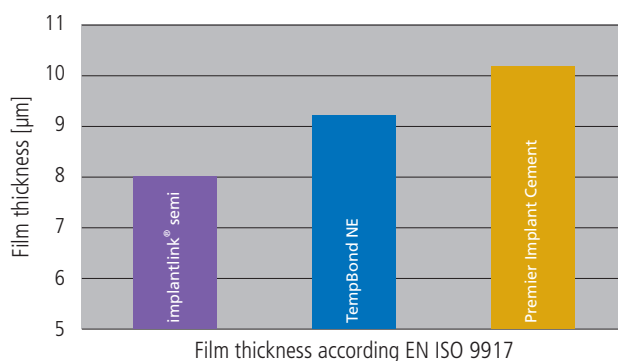
Marginal gap sealing, gingiva management

The high cross-link density of the cement material prevents penetration of bacteria and swelling or detachment of the cement, which allows bacterial irritations and odour formation to be avoided, even over prolonged wearing times. The adhesive connection and the marginal gap seal are preserved. The removal of a restoration is a major advantage for gingiva and papilla formation in case of local infections or irritations.

Extremely low film thickness

The very low displacement resistance helps to achieve a particularly low film thickness and therefore enables reliable and precise positioning of the restoration. The film thickness is lower than the currently achievable precision of CAD/CAM techniques.

The particularly low cement thickness of implantlink® semi guarantees save positioning of the restoration and results in very narrow gaps between abutment and built-up.



*Materials' sciences test with temporary cements (Dept. for dental propaedeutics/Community Dentistry, Center for ZMK ,Ernst-Moritz-Arndt-University Greifswald) 1/2009

Indications for use:

- Temporary long-term luting of implant-worn provisional and permanent restorations
- Luting of temporary restorations

Processing technique:

Check fitting accuracy and freedom from stress, occlusion and contact points, before you continue with insertion. Degrease, clean and dry the abutment and superstructure before cementing. The mini-mix system is used for dispensing the cement. Dispense and discard a small quantity before each application. Leave the mixing cannula on the cartridge until the next application. Apply a thin layer of implantlink® semi on the inside of the superstructure. Position the restoration on the implant abutment with slight pressure. Remove any excess material after around 2–3 min. The cement is cured at body temperature within around 5–6 min. If direct exposure to light is possible, setting can be assisted and accelerated by light curing (marginal region, surpluses). For this purpose an exposure time of 20 sec. per surface is recommended. In case of translucent materials (e.g. thin layers of ceramic, provisional crown and bridge materials) it is also possible to expose to light through the material, the exposure time per surface is increased to 30–40 sec. The use of common, adhesion reducing additives that render the retentive effect uncontrollable can/must be avoided.

Working time: approx. 80 sec.

Gel phase: 2 - 3 min. * (time for removal of excess material)

Setting time in the mouth: 5 - 6 min. *

Setting time in light curing: approx. 20 sec. per surface, according to translucency

* from beginning of mixing at 23 °C ± 2 °C / 73 °F ± 4 °F, 50 ± 5 % rel. humidity. Increased temperatures accelerate, decreased temperatures retard a. m. times.

Ordering information:

implantlink® semi

Standard packing 03092
cartridge of 5 ml mini-mix 4:1
10 mixing cannulas, brown

Mixing cannulas 4:1 02591
brown, 25 pcs.