

ZAKK[®] Implant Semi-permanent implant cement



r-dental.com

Product information



ZAKK[®] Implant

Sealing, adhesion and removability in premium-quality - non-eugenol

Introduction

In implantology supraconstructions will be screwed on or cemented with abutments. While a screwed supraconstruction can be removed from an abutment without any destruction, this is not possible in every case with a definite cemented one. The use of solely temporary cements is unfavourable, particularly regarding adhesion and compressive strength.

Advantageously, therefore, would be an implant-cement, which combines the advantages of a good seal, a secure and long-term liability and a non-destructive removability in itself.

The innovative, dual-cure, auto-mixing and semi-permanent implant luting cement **ZAKK[®] Implant** fulfills these requirements: **ZAKK[®] Implant** is universal applicable with all material combinations regarding abutment and supraconstruction. During polymerization **ZAKK[®] Implant** expands slightly. The contact gap between abutment and supraconstruction is fully lined. An entering of micro organisms into the gap is prevented and therefore the risk of a periimplant infection. The very low solubility of the polymerized implant-cement to saliva shows an optimal lining without any washout effects.

ZAKK[®] Implant is self-adhesive and guarantees a long-term adhesion, so that under influence of masticatory forces the supraconstruction remains in-situ. The low layer thickness between abutment and supraconstruction enables a fitting position without micromovements.

After polymerization **ZAKK[®] Implant** shows an elastic behaviour, which is a great advantage in case of an optional revision. The removability of the remaining implant-cement from abutment and supraconstruction succeed satisfactorily. A sufficiently long processing time of < 2 min (at chairside light, 23 °C) allows a stress-free and comfortable working.

The **performance parameters** are as follows:

Performance parameters

Performance parameters	ZAKK [®] Implant
Composition:	ZnO, methacrylate
Mode of polymerization:	light-cure and self-curing (dual-cure)
Working time (at chairside light, 73 °F):	< 2 min
Polymerization time, self-curing, intraoral time:	≥ 4 min
Film thickness:	< 15 ± 5 µm
Compressive strength:	about 38 MPa
Shade of polymerized cement:	esthetic translucent
Character of polymerized cement:	elastic
Solubility of polymerized cement:	very low
Removability:	very good

Benefits at a glance:

Benefits

ZAKK[®] Implant

- shows an expansive character resulting in a good seal between abutment and supraconstruction
- guarantees as a semi-permanent cement a good removability without any destruction
- is self-adhesive and guarantees a long-term adhesion and a very low solubility
- enables a fitting position without micromovements because of its low layer thickness
- can be removed easily from abutment and supraconstruction
- provides a long processing time for a stress-free and comfortable working

ZAKK[®] Implant should be stored lower than 20 °C (68 °F) and horizontally.

Order information:

Order information

Description:	Contents:	Order-No.:
ZAKK [®] Implant (KwikkMix [®] , 4:1), dual-cure	1 syringe à 5 ml + acc.	ZKS2080

ZAKK and KwikkMix are registered trademarks of R-dental Dentalerzeugnisse GmbH. Cover image implants by courtesy of www.bonecare.de. Product change or errors excepted.

© R-dental Dentalerzeugnisse GmbH 2010. All rights reserved.

Contact

Further products, information and catalogue:
R-dental Dentalerzeugnisse GmbH • Winterhuder Weg 88 • 22085 Hamburg • Germany
Phone: +49 40-22 75 76 17 • Fax: +49 40-22 75 76 18 • e-mail: info@r-dental.com • web: r-dental.com