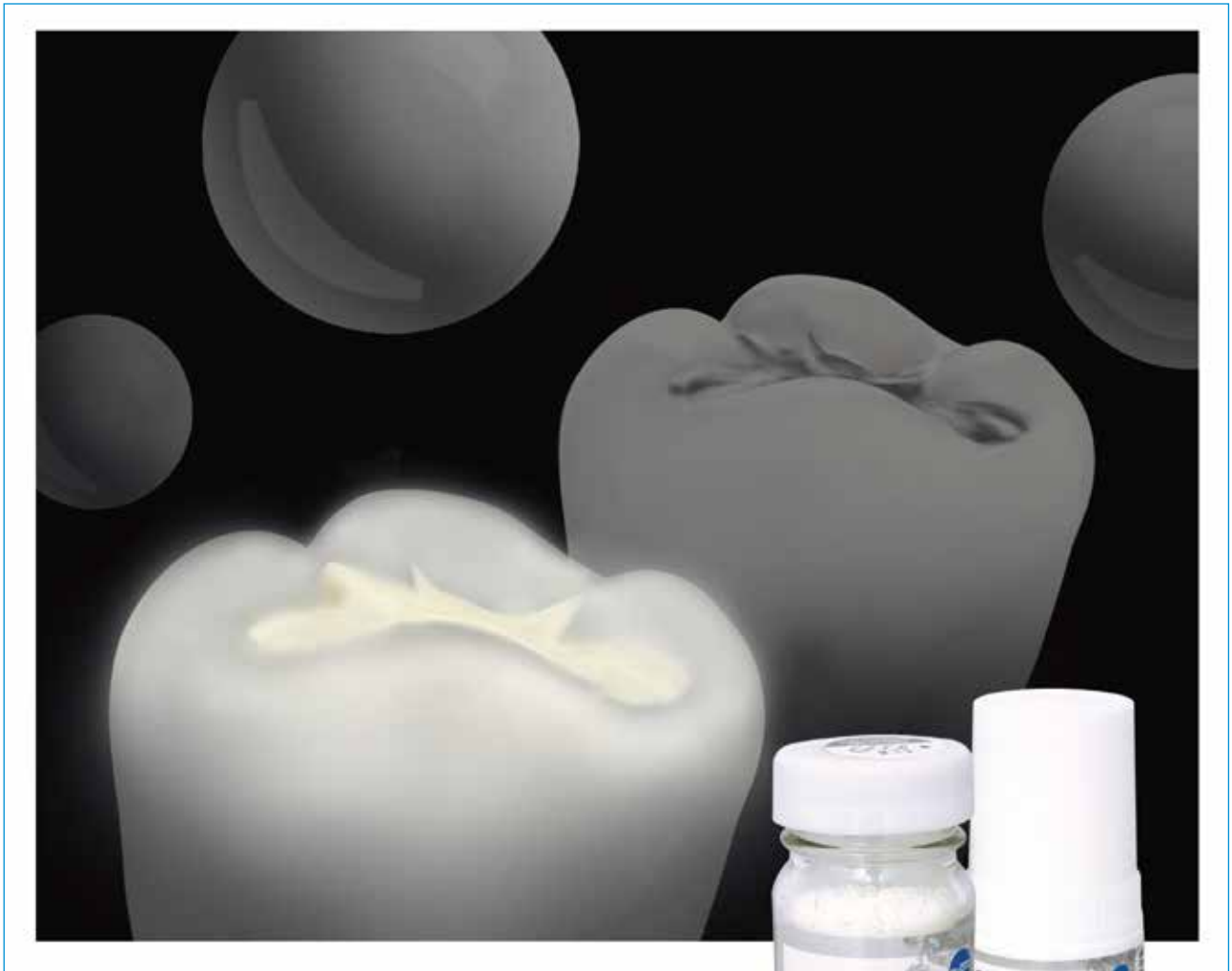


ZIRCONOMER

IMPROVED

Zirconia Reinforced Restorative



ZIRCONOMER

IMPROVED

*new improved, eco friendly white amalgam
now in tooth color ...*

Zirconomer Improved is developed as a reliable and durable tooth coloured zirconia reinforced posterior restorative. Novel nano-sized zirconia fillers enhance material translucency for a closer shade match to natural tooth with superior handling characteristics for a simple, easy and fast bulk placement.

Considered a safe alternative to silver amalgam, it exhibits the strength and durability of amalgam and protective benefits of glass ionomer, while eliminating the hazards of mercury.

Strong, durable and fluoride rich, **Zirconomer Improved** is ideal as a bulk fill restorative for structural cores and bases as well as cases with high caries risk.

Indications



FEATURES OF ZIRCONOMER IMPROVED

- Remarkable edge strength and excellent marginal adaptation
- Self-adhesive with tooth-like co-efficient of thermal expansion
- Sustained fluoride protection, especially in cases with high caries risk
- Excellent mixing & handling qualities
- Higher translucency for a closer match to natural tooth
- Durability like silver amalgam without the hazard of mercury
- Excellent resistance to abrasion & erosion

Superior Mechanical Properties

Zirconomer Improved outperforms restorative reinforced glass ionomer in stress bearing posterior restorations with notably high compressive strength and dimensional stability for long-lasting performance.

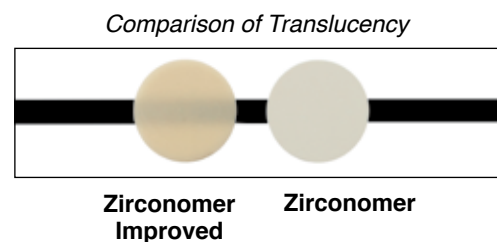
Mechanical Properties	ISO Limit for Amalgam	Zirconomer Improved
Compressive strength @ 1 hour (MPa)	> 80 MPa	149
Compressive strength @ 24 hours (MPa)	> 300 MPa	326
Creep	< 2%	0.01%
Dimensional stability	-0.10% to +0.20%	0.06%

Exceeds standard ISO 24234 Amalgam Specifications

(Data Source : Shofu R&D)

Remarkable Translucency

Zirconomer Improved is formulated with zirconia nano fillers that impart a higher level of translucency for a closer match to natural tooth colour, ideal even for cores requiring coverage with high end all-ceramic restoration.



Durable Posterior Restorations

Case 1 Maxillary first molar Class II cavity



Case 2 Maxillary first premolar Class II cavity



Photographs courtesy of Dr. Sushil Koirala

Instruction for use

Powder / Liquid Ratio	3.6 / 1.0 (2 Scoops : 1 Drop)
Working Time: 23°C	1 min 30 sec (from start of mixing)
Net Setting Time: 37°C	3 mins (from end of mixing)

Order Information



ZIRCONOMER IMPROVED 1-1 Set
(12gm / 5ml) [PN 3130]

Related Products



Cocoa Butter 10gm [PN 1139]



SHOFU INC. 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605 - 0983, Japan (www.shofu.co.jp)
 SHOFU DENTAL ASIA-PACIFIC PTE. LTD. 10 Science Park Road, #03-12 The Alpha, Science Park II, Singapore 117684 (www.shofu.com.sg)
 SHOFU DENTAL TRADING (SHANGHAI) CO. LTD. No.645 Jiye Road, Sheshan Industry Park Songjiang Shanghai 201602, China (www.shofu.com.cn)
 SHOFU DENTAL CORPORATION 1225 Stone Drive, San Marcos, CA 92078-4059, USA (www.shofu.com)
 SHOFU DENTAL GmbH Am Brüll 17, 40878 Ratingen, Germany (www.shofu.de)
 SHOFU UK. Riverside House, River Lawn Road, Tonbridge, Kent TN9 1EP, United Kingdom (www.shofu.co.uk)