

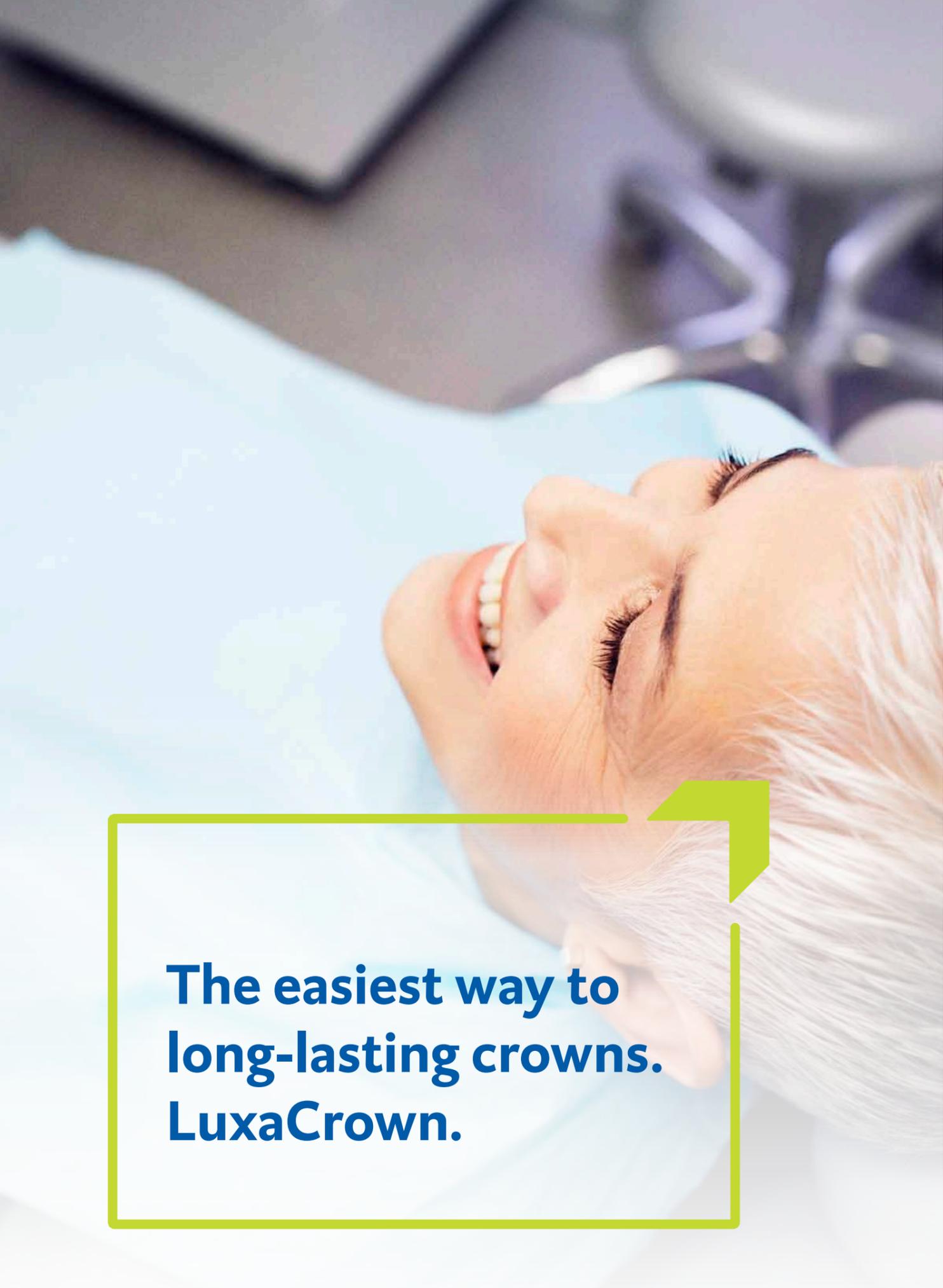


LuxaCrown

The easiest way
to long-lasting crowns.

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Long-lasting restorations have never been easier.

The easiest way to long-lasting crowns. LuxaCrown.

The unique LuxaCrown allows for the simple, quick and cost-effective manufacture of long-lasting crowns – directly chairside.

In this way you can offer your patients an excellent and reliable alternative to lab processed crowns. The easy to produce LuxaCrown is precision-fit, cost-effective and exceptionally long-lasting with a wear duration of up to five years.

Discover the new possibilities for you and your patients.

WITH DMG'S LUXACROWN.

Optimum durability. Excellent reliability.

SEMI-PERMANENT & FAST

Thanks to its outstanding stability LuxaCrown is raising the bar in prosthetic restorations. Produced with ease in one session in the treatment chair, the crown offers impressive long-term reliability.

In its role as a semi-permanent crown and bridge material, LuxaCrown bridges the gap between simple temporary provisionals and permanent dental prostheses with its significant requirements in terms of strength, durability and esthetics.

In-vitro studies into the relevant mechanical properties such as resistance to abrasion, fracture toughness and flexural strength have demonstrated the outstanding mechanical strength of the material.

Longevity has estimated by standardized chewing and wear simulation combined with artificial aging. These results suggest survival rates up to five years. (Long-term studies are currently underway.)

Healthy tooth substance is preserved.

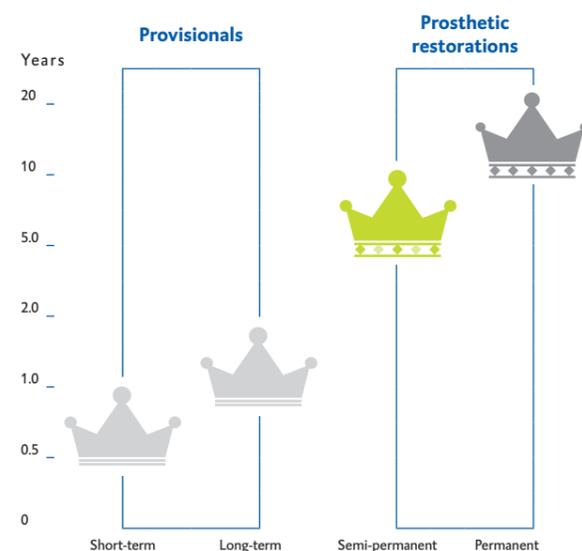
RELIABLE STABLE

LuxaCrown is reliably hard and resistant. The material has, in addition to its excellent flexural strength, also exceptional fracture toughness with $> 2 \text{ mPa} \cdot \text{m}^{0.5}$.

This ensures stable, long-term provisions.



AVERAGE WEAR TIME IN YEARS

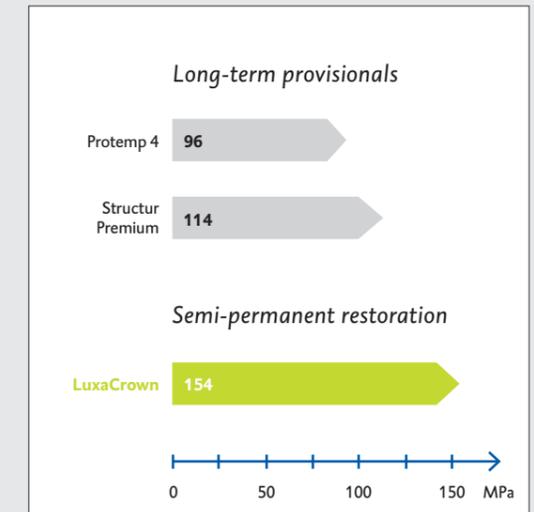


LUXACROWN: STABILITY.

- Excellent fracture toughness and flexural strength
- Excellent polishability
- Optimum curing time
- Simple processing
- Reliable durability:
Wear duration up to five years

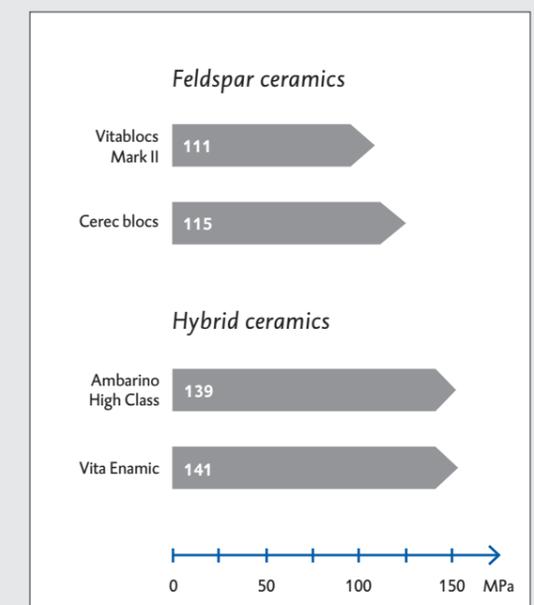
FLEXURAL STRENGTH IN MPA

TEMPORARY RESTORATIONS



Source: Internal DMG measurement, Hamburg 2014, data on file

PERMANENT RESTORATIONS



Source: Thomas Niemi; N. Youssef; B. Wöstmann/ Justus-Liebig-University Giessen: Poster 3558 - Physical Properties of Resin-based and Ceramic CAD/CAM Millingblocks

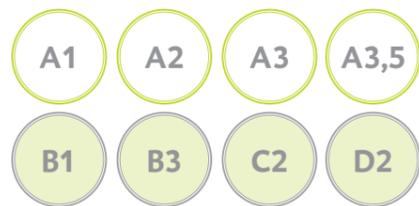
* Source: In vitro study of LuxaCrown; N. Albrecht, S. Duy, Germany, FEB 2016

Optimum versatility in use.

You can use LuxaCrown in both crowns and bridges to give the remaining tooth long-term protection, to restore anatomical form, masticatory function and for esthetic corrections.

The durability of LuxaCrown makes it especially well suited for the long-term monitoring of treatment success while bridging the gap during healing stages and in difficult restorations.

THE LUXACROWN SHADE SYSTEM OFFERS A WIDE RANGE OF ESTHETIC OPTIONS.



There is a choice of eight shade variations. They are characterized by natural fluorescence and high shade stability.

PRACTICAL APPLICATION FOR EFFICIENT USAGE.

The tried and tested Automix system guarantees quick and clean usage with optimum material results.

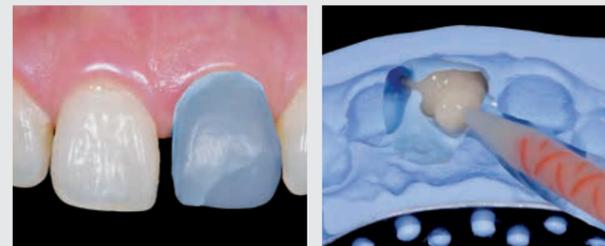
The Automix cartridge goes a long way and lasts for up to 36 single crowns or up to 24 3-unit bridges.

SO EASY, SO QUICK, SO PRACTICAL: LUXACROWN



Initial situation.

The wax-up/mock-up simulates the restoration.



Prepared tooth.

Applying LuxaCrown into the impression.



LuxaCrown crown.

Final result.

LUXACROWN – YOUR SIMPLE AND VERSATILE PARTNER

- > Affordable alternative to conventional crowns
- > Dental restoration due to age
- > Deciduous tooth restoration
- > Dental restoration after root canal treatment
- > Temporary implant restoration
- > Protection against acid erosion (e.g. bulimia) and abrasion (bruxism)
- > Fracture splinting

CONVENIENT PLUS POINTS

- > Impressively semi-permanent
- > Quick and easy
- > Long-lasting with excellent results
- > Optimum mechanical properties
- > Time- and cost-saving

FOR LONG-TERM SUCCESS



PRODUCT OVERVIEW

LuxaCrown

Packaging:

1 Cartridge @ 50 ml, 15 Automix-Tips
 Shade A1 REF 110970
 Shade A2 REF 110971
 Shade A3 REF 110972
 Shade A3.5 REF 110973

Shade B1 REF 110974
 Shade B3 REF 110975
 Shade C2 REF 110976
 Shade D2 REF 110977

Accessories:

1 Automix-Dispenser Type 50 10:1
 1 Automix-Plunger 50 10:1
 45 Automix-Tips Blue 10:1

REF 110411
 REF 110412
 REF 110409