



The perfect symbiosis
of durability and aesthetics

Luxatemp MaxProtect
Long-term provisional
restoration



Clinically verified
1 year wear time

 **DMG**



Why Luxatemp MaxProtect?

Luxatemp MaxProtect is a material with long-term stability and optimised mechanical properties, and its **durability** has been confirmed by a clinical study*. **Luxatemp MaxProtect** is your product of choice, especially when:

- Your treatment case requires an **extended healing phase** (e.g. after an implant restoration, periodontitis or root canal treatment)
- You're looking for an aesthetic solution that is both **affordable** for the patient and **highly durable**

* See page 4.

Extreme stability. Excellent aesthetics. Easy handling... and a complete conventional long-term provisional restoration in just one session. If you're looking for a material for long-term provisional restorations that sets new standards on many fronts and is also cost-effective, then look no further than Luxatemp MaxProtect.

Extraordinary
stability



1
session

5

minutes
to produce
a crown



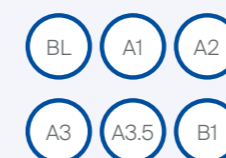
Supported by studies and
clinically tested



1 year

wear time

6



shades



Flexural strength

118 MPa



Long-term
shade stability
 $\Delta E = 0.48^{***}$

Excellent
aesthetics



Cost-effective:

36

crowns from
one cartridge

** Shade change 28 days / ΔE

The right **choice**, when it **matters**.

Luxatemp MaxProtect – your first choice for maximum stability and aesthetic yet affordable restorations. Bridge longer healing phases with Luxatemp MaxProtect and benefit from exceptional durability and

short treatment times. Opting for Luxatemp MaxProtect provides your patient with a highly aesthetic restoration and the opportunity to bridge the time until the final restoration in a cost-effective way.

Indications at a glance



↗ Gaps in teeth



↗ Correction of tooth misalignment



↗ Root canal treatment



↗ Aesthetic restorations



↗ Tooth fractures



↗ Healing phases
(periodontal treatment/
implant restoration)

The results speak for themselves. **And for Luxatemp MaxProtect.**

Discover Luxatemp MaxProtect: **the future of high-quality provisional restorations**. Tried-and-tested Luxatemp has been further optimised through continuous research and development to meet the highest standards. In addition to **mechanical stability**, which ensures any remaining tooth structure is protected and the tooth's function is

restored, Luxatemp MaxProtect offers **outstanding visual properties**. Clinical study data also confirms **performance over 1 year** and very high patient satisfaction. Luxatemp MaxProtect – maximum protection and outstanding aesthetics for long-term provisional restorations.

Source: clinical study (Reg. No. NCT03160950)



The result of the clinical study:

- ↗ outstanding restorations
over one year

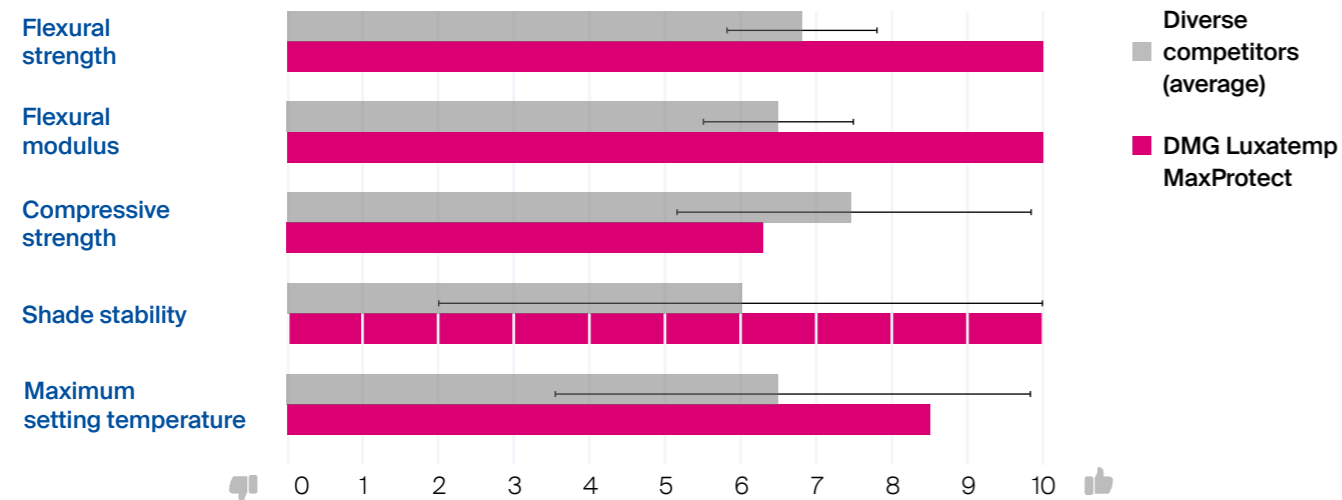
Surpasses all expectations. And the competition.

A comparison can speak volumes. With this in mind, we decided to compare Luxatemp MaxProtect with the competition.

The result: Luxatemp MaxProtect surpasses comparable competitors in terms of properties that are decisive for excellent durability and aesthetics. A flexural

strength of 118 MPa and a shade stability (ΔE) of 0.48 make Luxatemp MaxProtect a clear front runner. These exceptional values show that Luxatemp MaxProtect not only withstands the most demanding conditions but also retains its aesthetic appearance long-term.

Properties at a glance

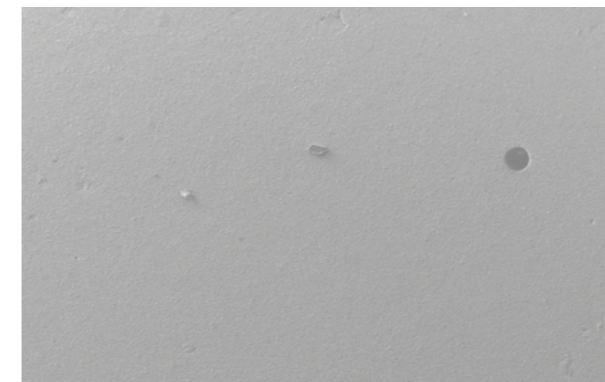


Comparison shows superior surface smoothness.

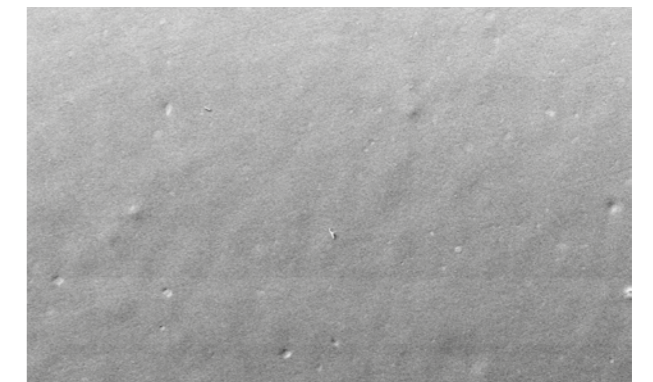
A 60x magnification of the microscopic images clearly shows the homogeneous and smooth surface quality of Luxatemp MaxProtect following removal of the smear layer.

This superior smoothness is an optimal basis for polishing and emphasises the high material quality of Luxatemp MaxProtect: it's added value for efficient working.

60x magnification: the superior smoothness of Luxatemp MaxProtect stands out *after* the smear layer is removed and *before* polishing takes place:



DMG Luxatemp MaxProtect

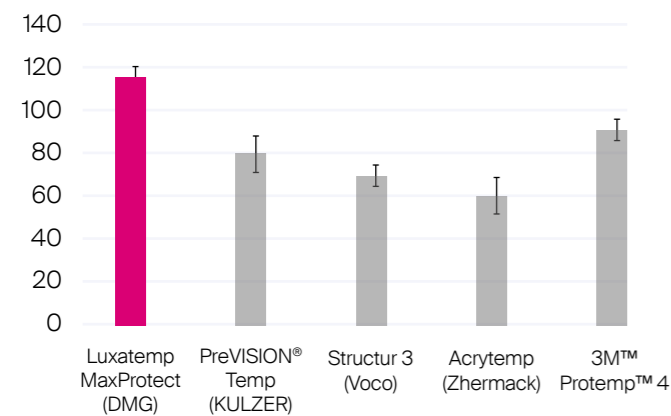


3M™ Protemp™ 4

Source: DMG, internal capture. Data on file, 2024

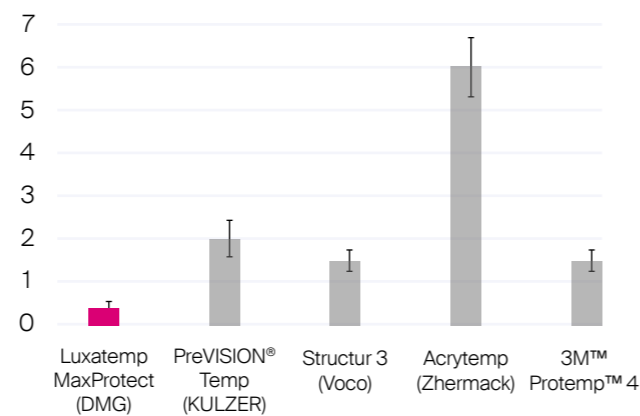
Flexural strength in detail

Flexural strength / MPa



Shade stability in detail

Shade change 28 days / ΔE



Source: DMG internal measurements. Data on file, 2023

MaxProtect:
We mean that
literally.



Luxatemp: a strong family.

For years, **Luxatemp** has been synonymous with precision-fit provisional restorations and bridges worldwide. With new Luxatemp MaxProtect, DMG is now leading the way with the next generation of long-term provisional restorations that combine **maximum stability,**

the best possible aesthetics and lasting durability. Alongside Luxatemp MaxProtect, DMG also offers other high-quality materials for provisional restorations. **This means that the right material with the exact properties you need is ready for use.**



Advantages / benefits		Luxatemp Plus	Luxatemp Fluorescence	Luxatemp Star	Luxatemp MaxProtect
Material properties					
High fracture toughness / flexural strength	<ul style="list-style-type: none"> • Longer durability and greater stress resistance • No breakage or deformation • Safe, efficient and reliable • Particularly suitable for longer healing phases • Ensures maximum stability and safety 	★★★★★	★★★★★	★★★★★	★★★★★
Very high abrasion resistance	<ul style="list-style-type: none"> • Longer durability • Less follow-up work • Safe and saves time 	★★★★	★★★★	★★★★★	★★★★★
Optimised surface properties	<ul style="list-style-type: none"> • Easy to polish • Quick, time- saving polishing 	★★★★★	★★★★★	★★★★★	★★★★★
Fast initial hardness	<ul style="list-style-type: none"> • Efficient for dentists • Comfortable for patients 	★★	★★★★	★★★★★	★★★★★
Low shrinkage	<ul style="list-style-type: none"> • Precise fit • Time saving when finishing 	★★★★	★★★★	★★★★★	★★★★★
Handling					
Low polymerisation shrinkage Excellent polishability	<ul style="list-style-type: none"> • Time saving • Confidence in quality 	★★★★	★★★★	★★★★★	★★★★★
Natural aesthetics					
Natural fluorescence	<ul style="list-style-type: none"> • Natural appearance • Aesthetic result 	★	★★★★★	★★★★★	★★★★★
Shine retention	<ul style="list-style-type: none"> • Comfortable for patients • Gums remain healthy 	★★★★	★★★★★	★★★★★	★★★★★
Long-term shade stability	<ul style="list-style-type: none"> • For particularly long wear time with lasting high aesthetics 	★★★★	★★★★★	★★★★★	★★★★★
Biocompatibility					
Does not contain methyl methacrylate	<ul style="list-style-type: none"> • Low allergy potential • Safety 	★★★★★	★★★★★	★★★★★	★★★★★
Automix system					
Reliable system for provisional restorations		★★★★★	★★★★★	★★★★★	★★★★★

The perfect complement:

Discover our product family for prosthetics.

Discover DMG's comprehensive product range for the complete fabrication, cementation, enhancement and repair of **Luxatemp MaxProtect** long-term provisional restorations. Our products have been specially developed

to offer you maximum support at every stage of the provisional treatment process. From precise fabrication to permanent cementation, you can rely on outstanding results and long-lasting aesthetics.

Gingival retraction

DMG Retraction Paste
Effective gingival retraction with optimal consistency

Impressions

Silagum
Long-established VPS-based impression materials with excellent hydrophilic properties

Honigum
Exceptional detail reproduction

Honigum Pro
Maximum precision, clean handling. No dripping during application, no undesirable run-off

Bite registration

O-Bite
Precise bite registration with high final hardness and excellent fracture resistance

LuxaBite
Bite registration material with high final hardness, barely noticeable resistance when jaw is closed and excellent stability

Long-term provisional restorations

Luxatemp MaxProtect
For highly stable and at the same time aesthetic long-term provisional restorations, lasts 1 year

Shine and protection

Luxatemp Glaze & Bond
High gloss without polishing, excellent bonding with repair materials

Cementing

PermaCem 2.0
Self-adhesive cement. Outstanding adhesion for long-term cementation

TempoCem NE
Optimal adhesion and removability without eugenol

TempoCem ID
Excellent aesthetics thanks to optimum transparency

Enhancement and repair

LuxaFlow Star
Perfect for enhancing and repairing provisional restorations

Luxatemp MaxProtect is available in the following packaging:

Pack: 1 Cartridge @ 50 ml, 15 Automix Tips

Shade BL REF 130105
Shade A1 REF 130100
Shade A2 REF 130101

Shade A3 REF 130102
Shade A3.5 REF 130103
Shade B1 REF 130104

Accessories:
45 Automix Tips Blue 10:1 REF 110409
1 Automix Dispenser Type 50 10:1 REF 110411

A smile ahead
together

