NEW

SpeedCEM® Plus

The self-adhesive resin cement

A BIG PLUS FOR ZIRCONIA

ivoclar vivadent®

passion vision innovation

SpeedCEM

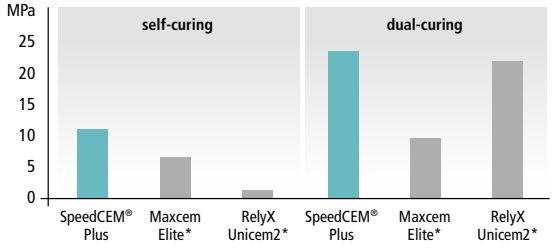
SpeedCEM® Plus is a self-adhesive, self-curing resin cement with optional light-curing. This cement offers an ideal combination of performance and user-friendliness. Its formulation has been optimized to make it particularly suitable for use in conjunction with restorations made of zirconium oxide and metal-ceramics and for the cementation of restorations on implant abutments.

Excellent self-curing

Not every restoration can be completely and evenly cured with light. Strong self-curing capabilities offer an additional measure of reliability when seating opaque or non-translucent restorations.

SpeedCEM Plus produces high bond strength values on zirconium oxide, base metal alloys (e.g. titanium) and on dentin without light-activation. This has been confirmed in internal and external studies.

Shear bond strength after self- and dual-curing
on dentin after 24 h



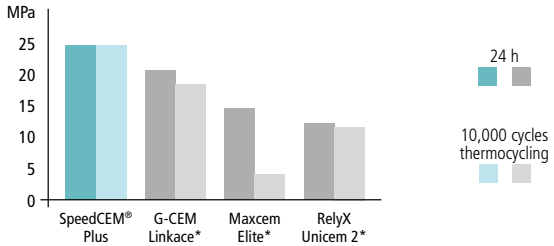
* not registered trademarks of Ivoclar Vivadent AG
Source: Ivoclar Vivadent Inc., Amherst, 2015

SpeedCEM Plus is suited for the permanent seating of crowns and bridges on natural teeth and on implant abutments that are made of the following restorative materials:

- Oxide ceramics such as zirconium oxide, e.g. Zenostar®** or IPS e.max® ZirCAD
- Metal and metal-based restorations
- Lithium disilicate glass-ceramics, e.g. IPS e.max®

** Manufacturer: Wieland Dental, Germany

Shear bond strength after self-curing
on zirconium oxide at baseline and after artificial ageing



* not registered trademarks of Ivoclar Vivadent AG
Source: R&D Ivoclar Vivadent AG, Schaan, 2015

M® Plus

User-friendly application

Easy clean-up
Fast removal of excess is one of the distinguishing features of SpeedCEM Plus. Given the optional light-curing activation, excess material can be tack-cured and then removed in large pieces using a scaler.

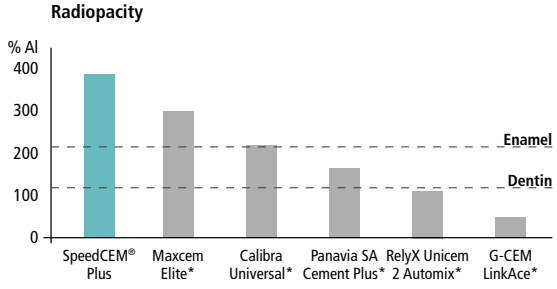

Tack-curing cement excess


Removing cement excess with a scaler

Pictures: Dr Lukas Enggist, Ivoclar Vivadent AG, 2015

Tolerant processing
SpeedCEM Plus permits flexible use in different situations. It produces a reliable bond on moist and dry dentin - both when used in the self-curing mode and when used in the light-curing mode.

Radiopacity
With its especially high radiopacity, the resin cement is easy to distinguish from the dentin and enamel. This facilitates the differentiation between residual cement excess and secondary caries on future patient X-rays.



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Source: R&D Ivoclar Vivadent AG, Schaan, 2015

Efficient process

Given its self-adhesive properties, SpeedCEM Plus eliminates the need for phosphoric acid etching and bonding with a dentin adhesive. No additional primer is required for the cementation of zirconium oxide and metal-based* restorations. This is also true for the placement of restorations on titanium or zirconium oxide abutments.

This easy and reliable process reduces the processing times and minimizes the risk for handling errors. With its efficiency and excellent physical properties, SpeedCEM Plus contributes to the long-term success of the treatment. Ivoclean® is recommended for the effective cleaning of restorations that have become contaminated with saliva during the try-in.

* only non-precious metal alloys

Seating a zirconium oxide bridge on natural tooth structure

Pre-operative situation

After the try-in: cleaning the restoration with Ivoclean®

Removing excess

Dual curing

Completed restoration

Zenostar T bridge cemented onto natural abutment teeth: Dr Lukas Enggist, Dentist / Dominik Monreal, DT, Ivoclar Vivadent AG, 2014

Cementing a crown onto an implant abutment

Pre-operative situation

Conditioning the IPS e.max® crown

Light-activating the cement excess (quarter technique)

Removing excess

Completed restoration

IPS e.max Press Multi crown cemented onto a Zenostar MO abutment: Dr Lukas Enggist, Dentist / Dominik Monreal, DT, Ivoclar Vivadent AG, 2015