

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.

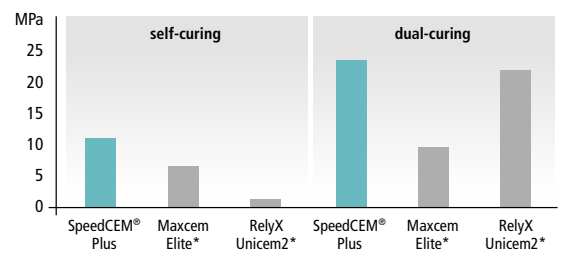
SpeedCEM Plus produces high bond strength values on zirconium oxide, base metal alloys (e.g. titanium) and on dentin without light-activation. This has been confirmed in internal and external studies.

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®

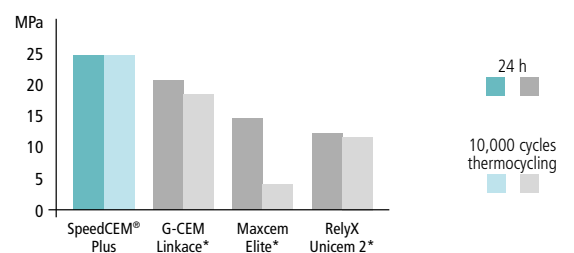
** Manufacturer: Wieland Dental, Germany

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



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

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

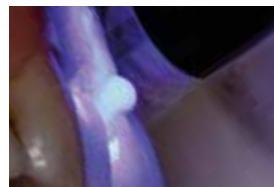
CEM[®] Plus



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

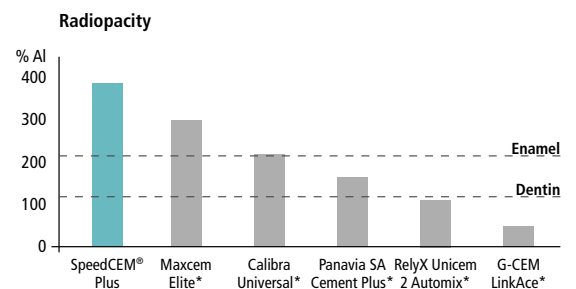
Pictures: Dr Lukas Enggist, Ivoclar Vivadent AG, 2015

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.



* not registered trademarks of Ivoclar Vivadent AG
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

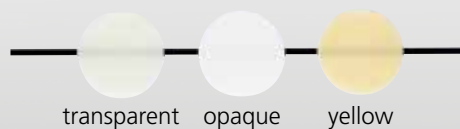


Completed restoration

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

Delivery forms

SpeedCEM Plus is available in 3 shades with different levels of translucency:



Refills:

- 1 Automix syringe SpeedCEM Plus, 9 g, in the selected shade
- 15 Mixing tips
- 5 Root canal tips

- 681710WW SpeedCEM Plus Refill yellow 9 g
- 681711WW SpeedCEM Plus Refill opaque 9 g
- 681712WW SpeedCEM Plus Refill transparent 9 g

Starter Pack:

- 1 Automix syringe SpeedCEM Plus transparent 2.5 g
- 1 Bottle Ivoclean 1 g
- 4 Mixing tips

- 681713WW SpeedCEM Plus Starter Pack transparent 2.5 g

System Kit:

- 1 Automix syringe SpeedCEM Plus transparent 9 g
- 1 Bottle Ivoclean 5 g
- 15 Mixing tips

- 681714WW SpeedCEM Plus System Kit transparent 9 g

Ivoclean:

- 1 Bottle Ivoclean 5 g

- 637568AN Ivoclean refill 5 g

Accessories:

- 645951 Mixing tips short pointed, refill of 15
- 645955 Root canal tips, refill of 5



Ivoclean® – effective cleaning of restorations

The bonding action of adhesive and self-adhesive systems can be impaired if the restoration is contaminated with saliva after the try-in. Cleaning with e.g. water, alcohol or phosphoric acid does not always produce the desired clean bonding surface. Ivoclean effectively cleans the contact surfaces of restorations that have become contaminated with saliva, creating ideal conditions for achieving a durable and reliable bond between the luting material and restoration.

The way out of the cements maze



The Cementation Navigation System, the popular multimedia application from Ivoclar Vivadent, offers dentists practical orientation and guidance in the selection of the best luting material for each case.
www.cementation-navigation.com



Fixed Prosthetics

SpeedCEM® Plus forms a part of the “Fixed Prosthetics” product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

OptraGate®

Latex-free lip and cheek retractor



The gentle solution for a better view

- Effective treatment and easy relative isolation
- Enlarged treatment field and easy access to cavities
- Enhanced patient comfort
- Popular range of colours to enhance patient compliance, particularly among children

Proxyl®

Effective prophylaxis pastes



Maintaining the quality of restorations

- Individual – three levels of abrasion
- Gentle – natural gloss
- Effective – perceptibly smooth surfaces

Would you like to know more about the products of the “Fixed Prosthetics” category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.