

SELF-ADHESIVE DUAL-CURING RESIN CEMENT



ΠΡΟΣΦΟΡΑ ΙΑΝΟΥΑΡΙΟΥ 2019



SoloCem[®]

One step reliable cementation

Αποκτήστε τώρα την διπλού πολυμερισμού ρητινώδης κονία SoloCem, που αξιολογήθηκε με 92% από το Dental Advisor.

2 σωληνάρια SoloCem (5ml/10,5gr) ΜΟΝΟ με 93,80 (πλέον ΦΠΑ 13%)

92%
overall
rating

Coltene Whaledent, Inc.
www.coltene.com

Description

SoloCem is a radiopaque, dual-cured, self-adhesive resin cement. It contains MDP and 4-META monomers to help provide for strong retention without requiring a separate adhesive. This dual-cured cement offers high compressive and flexural strengths. The excellent bond strength of *SoloCem* reliable cementing enamel, dentin, metal, zirconia and glas cermacis without the need of any additional primer. It provides enough working time with up to 60 seconds intraorally for a fast procedure, and can be tack cured in 3 seconds for easy clean-up. *SoloCem* is delivered in automix syringes with ready-to-use mixing tips. It is available in a kit containing 2, 5 mL syringes (2 each in dentin and translucent shades), together with 10 superfine and 10 short fine mixing tips. In addition, single 5 mL syringes together with 10 tips are available in white opaque, translucent and dentin shades.

Clinical Tips

- Take the cement out of refrigerator in advance to improve its flow.
- Work quickly when cementing posts.
- Warm it before placement.
- The enamel shade is nice for anterior teeth and somewhat translucent.
- Tack cure less than the recommended 3 seconds; otherwise, it is hard to remove excess cement.

Consultants' Comments

- "Nice viscosity. It is easy to mix, very smooth, and flows well."
- "Esthetic, with a nice range of cement shades."
- "A great multi-use product."
- "SoloCem is reliable, offers simplicity and is easy to use."
- "The really small tips are great for access and placement."
- "The procedure time is fast, since there is no need to etch and bond."
- "I like the inclusion of zinc oxide as a potential anti-bacterial agent."
- "You have to perform clean-up quickly, especially interproximal excess."
- "Tack cure is a little touchy. If you give it 1 second too long, it goes beyond the tack stage making it difficult to remove excess cement."

"Excellent single product for cementing crowns and posts."

Indications

- Permanent cementation of ceramic, metal and composite crowns, bridges, inlays and onlays
- Cementation of implant abutments (zirconium oxide and titanium)
- Cementation of all types of endodontic posts

Unique Features

- One-step resin cement.
- Contains MDP and 4-MET(A) monomers for strong adhesion.
- Contains zinc oxide, which is antibacterial.
- Well-balanced mechanical properties.

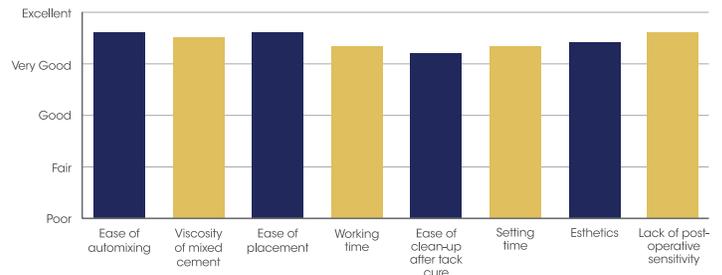
Evaluation Highlights

SoloCem was evaluated by 24 consultants, with a total of 377 uses.

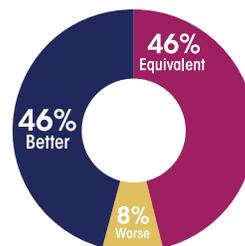
- One-step self-etch and self-adhesive cement.
- Automix delivery system.
- Good consistency and reliability.
- Fast cure.
- Versatile.
- Esthetic.



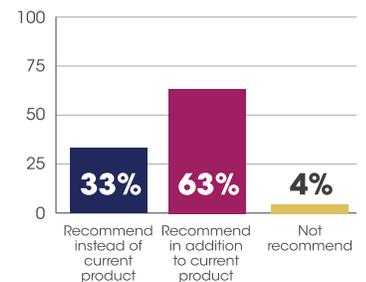
Key Features:



Compared to Competitive Products:



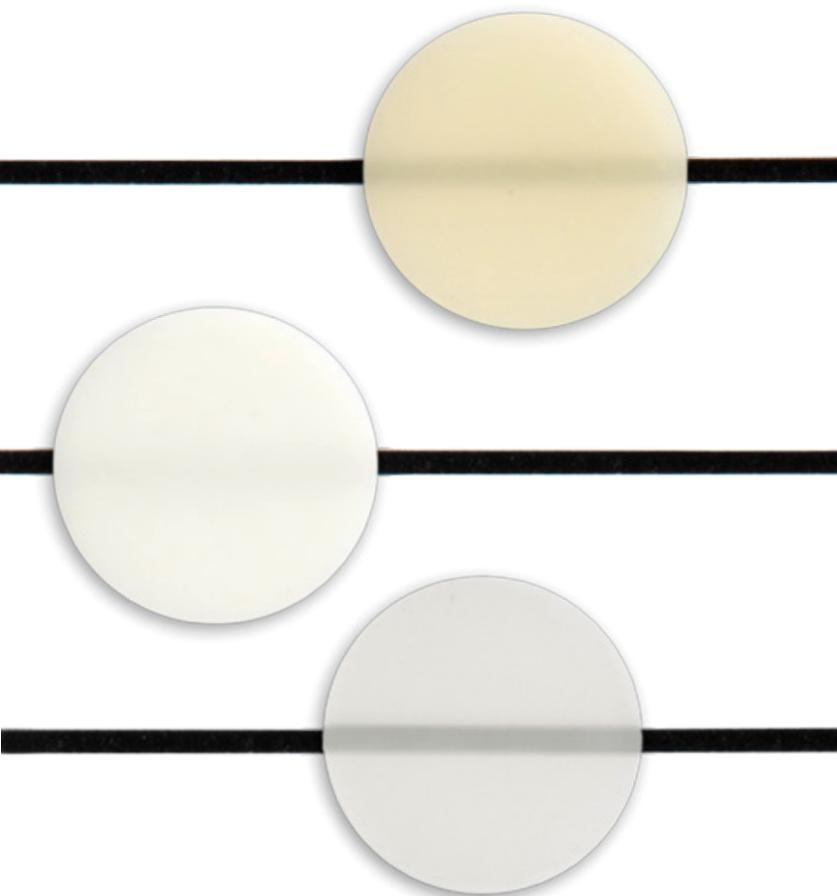
Percentage of Consultants Who Would:





SoloCem[®] Secure cementing does not depend on the number of working steps. Self-adhesive SoloCem achieves reliable values – with no additional bonding. This is the result of monomers contained and the composite-like formulation. The convenient automix syringe and the ready-to-use mixing tips offer a simple and time-saving application of SoloCem.

- easy to use and time saving
- high bonding strengths without additional adhesive
- low shrinkage
- antibacterial zinc oxide
- high radiopacity



Easy and fast application

SoloCem saves you time without having to forego reliable bonding. MDP and 4-MET(A) monomers ensure good bonding values on a range of different materials without requiring a separate adhesive. This simplified form of application reduces the risk of potential error sources which could affect the bond and thus the quality of the entire restoration.

- self-adhesive properties
- fluorescent
- Automix syringe and ready-to-use mixing tips
- Intraoral processing time of approx. 60 seconds
- easy removal of excess material (after light curing for 3 seconds)

Indications

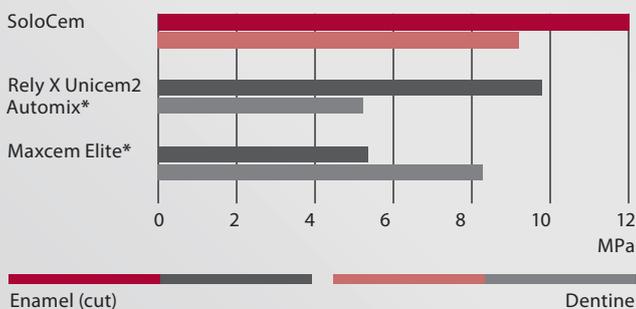
The easy handling of SoloCem offers advantages in a number of indications. You can count on the self-adhesive properties of SoloCem for the permanent cementation of:

- crowns (ceramic, metal, composite)
- bridges (ceramic, metal, composite)
- inlays (ceramic, metal, composite)
- onlays (ceramic, metal, composite)
- all types of endodontic posts
- implant abutments (zirconium oxide and titanium)

Reliable values

SoloCem offers excellent adhesion and reliable, long-lasting bonding to dentine, enamel and other materials.

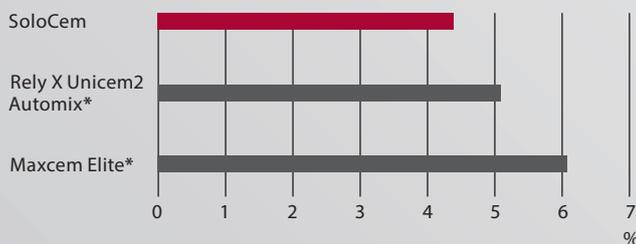
Shear bond strength according to the Ultradent*-method (dual cured)



Source: internal data

Next to good adhesion values, low shrinkage also determines the quality of a bond, which in turn has a positive effect of the durability of restorations.

Shrinkage



Source: internal data

Technical data

- Flexural strength
115 MPa
- Compressive strength
190 MPa
- Radiopacity
4 mm Al / mm

Composition

- Methacrylates
- Zinc oxide
- Dental glass

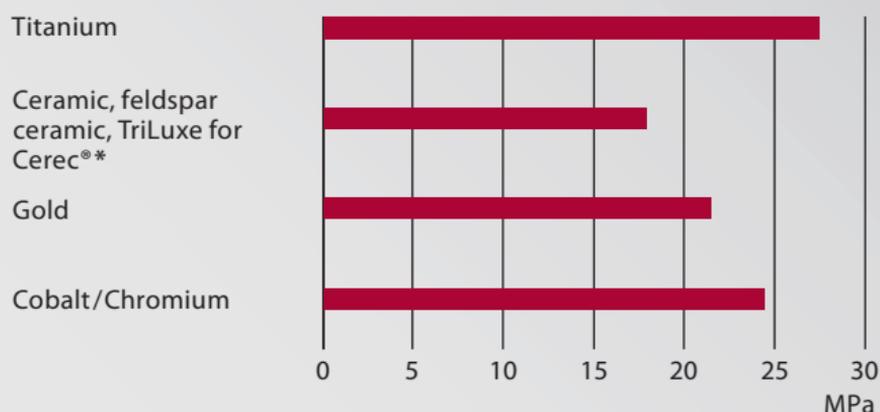
Storage



Source: internal data

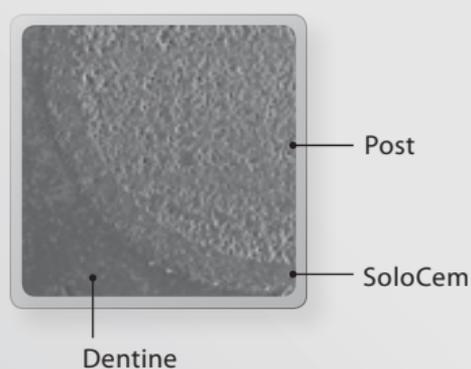
This is decisive for a good bond between cement and the various materials and ensures a long-lasting restoration.

Shear bond strength according to the Ultradent*-method (chemically cured)



Source: internal data

The shown REM image demonstrates the excellent bonding between endodontic posts, SoloCem and dentine.



Source: internal data

Clinical times

working time

23°C  ≤ 120 s

37°C  ≤ 60 s

Curing time (not including working time)

37°C  > 180 s

* Not a registered trademark of Coltène/Whaledent



Order information

6001 3986

1 × 5ml

1 × 5ml

10 ×

10 ×

SoloCem Intro Kit

SoloCem Dentin

SoloCem Translucent

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine

6747

40 ×

Mixing Tip Short Super Fine

Mixing Tip, Ø 1 mm

6001 4062

1 × 5ml

5 ×

5 ×

SoloCem Refill Dentin

SoloCem Dentin

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine

6001 4061

1 × 5ml

5 ×

5 ×

SoloCem Refill White Opaque

SoloCem White Opaque

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine

6001 9840

1 × 5ml

5 ×

5 ×

SoloCem Refill Translucent

SoloCem Translucent

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine



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