

SELF-ADHESIVE DUAL-CURING RESIN CEMENT



SoloCem[®]

One step reliable cementation

 **COLTENE**



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

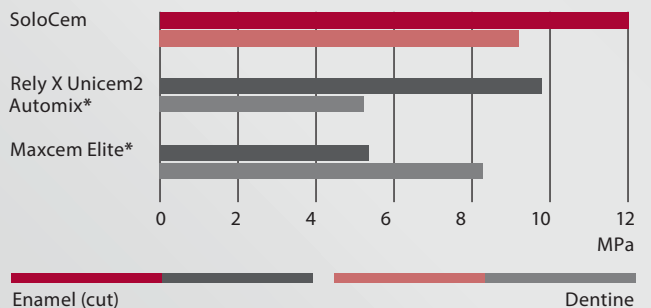
The easy handling of SoloCem offers advantages in a number of indications. You can count on the self-adhesive properties of SoloCem for the permanent cementation of:

- 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.

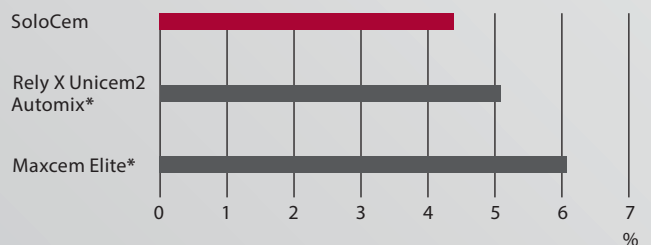
Shear bond strength according to the Ultradent*-method (dual cured)



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

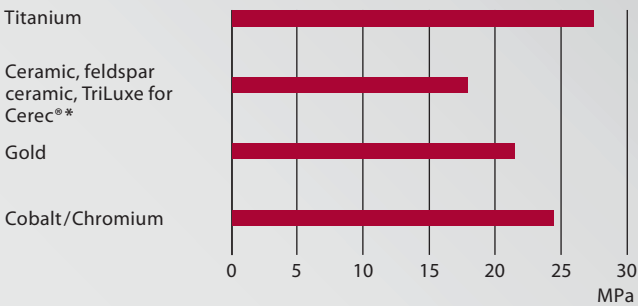
Storage



Source: internal data

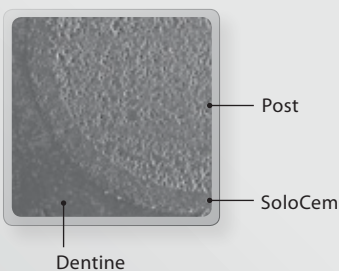
This is decisive for a good bond between cement and the various materials and ensures a long-lasting restoration.

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



Source: internal data

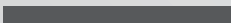
The shown REM image demonstrates the excellent bonding between endodontic posts, SoloCem and dentine.



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 x 5ml

1 x 5ml

10 x

10 x

SoloCem Intro Kit

SoloCem Dentin

SoloCem Translucent

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine

6747

40 x

Mixing Tip Short Super Fine

Mixing Tip, Ø 1 mm

6001 4062

1 x 5ml

5 x

5 x

SoloCem Refill Dentin

SoloCem Dentin

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine

6001 4061

1 x 5ml

5 x

5 x

SoloCem Refill White Opaque

SoloCem White Opaque

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine

6001 9840

1 x 5ml

5 x

5 x

SoloCem Refill Translucent

SoloCem Translucent

Mixing Tip Brown Short Super Fine

Mixing Tip Brown Short Fine



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