



# INNOCEM

Self-adhesive universal permanent resin cement

TEGDMA, BISGMA, BPA, HEMA free

## Features

- Strong adhesion to dentin, metal, Zirconia, composite and etched (or silanated) ceramic. No pre-treatment required in most case. To cement etched ceramic veneers, Maryland bridges and posts, the tooth structures must be etched and the use of Healbond MP in conjunction with InnoCem is strongly recommended.
- Highest conversion rate on the market: 58,40% at 30mn: less primary toxicity.
- HEMA, TEDGMA, Bis GMA and BPA-free : less secondary toxicity.
- High flexural strength: 90 MPa.
- After 5 seconds of polymerisation, the excesses remain slightly rubbery to be easily removed.
- Due to its strong hiding power, associated to an extreme opacity, the opaque versions of InnoCem are the best choices for cementation of aesthetic prosthetics elements on implant abutments, or on metallic elements such as inlay core and amalgams.
- Good balance between hydrophobia for a long-term and stable adhesion, and a slight hydrophilia before polymerization to allow InnoCem to chemically bond to collagen fibers and phosphate ions, when used on vital teeth.
- Waterproof and stability over time: no post-operative sensitivities.
- Very thin layer of cement.
- Easy to handle: dual syringe for a perfect dosage and intra-oral fine or xfine tips to facilitate the placement

## Indications

- Metal, composite, etched (or silanated ceramic) inlays, onlays, crowns and bridges.

### In conjunction with Healbond MP:

- Maryland bridges of 2 to 3 elements.
- Etched (or silanated) ceramic veneers.
- Root canal posts (metallic or fiber posts).



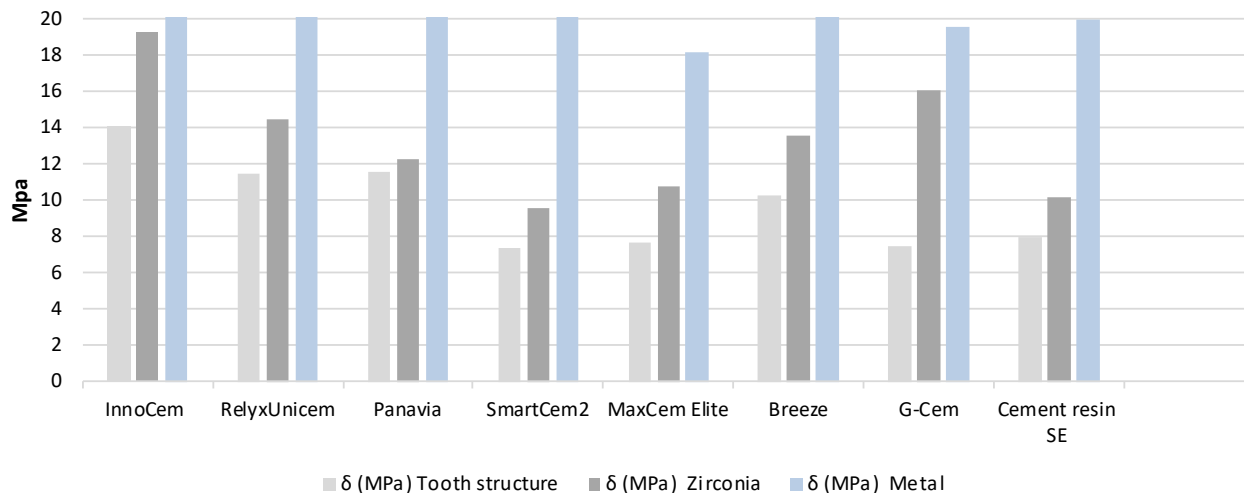
## References & presentations

IC-10-TA2	1 x 5ml + 10 mixing tips + 10 regular intraoral tips. Translucent A2 shade.
IC-10-OA2	1 x 5 ml + 10 mixing tips + 10 regular intraoral tips. Opaque A2 shade.
IC-10-OA3	1 x 5 ml + 10 mixing tips + 10 regular intraoral tips. Opaque A3 shade.

# TESTS RESULTS & COMPARISON WITH COMPETITORS

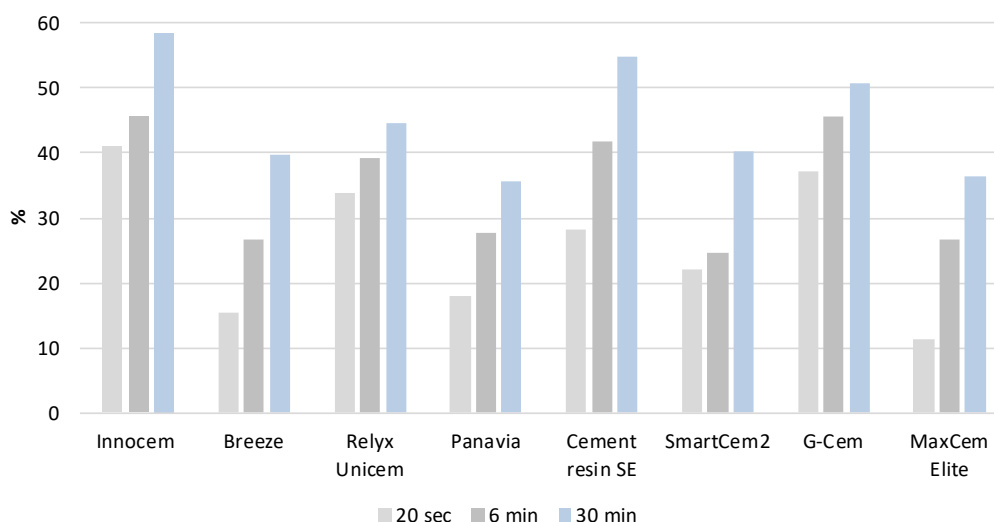


## Measure of shear bond strength\*



Excellent adhesion to dentin: 14,10 MPa.  
 Excellent adhesion to Zirconia: 19,3 MPa.  
 Excellent adhesion to Metal: 23,81MPa.

## Measure of the conversion rate are done by infrared light, using a spectrometer (%)\*



\* Tests conducted by G-Pharma. according to the norms: Flexural Strength according to ISO 4049 and carried out with a Zwick equipment annually calibrated and certified. The Degree of conversion was evaluated using FTIR spectrometer with an attenuated total reflectance (ATR) accessory. Shear bond strength according to the norms ISO 11405 and carried out with a Zwick equipment annually calibrated and certified.

Dental medical device for dental professionals only, not refunded by the Health Insurance. Carefully read the instructions on the product packaging and notice before use. Manufactured by G-Pharma.