

INNOCEM

Adhesive, self-etching, dual-cure universal resin cement

INNOVATION

PERFORMANCE

BIO+

To be use in **SOLO** or **DUO** mode.

It's up to you to choose according to the clinical situation!



Innovative formulas without endocrine disruptors such as BPA, without controversial degradable resins such as BisGMA, BisEMA, TEGDMA, and without addition of HEMA.

For a more health-friendly dentistry!

MADE IN FRANCE

 **ELSODENT**

SOLO



SOLO MODE

- ✓ 1 step only - Simple and reproducible protocol - Quick and Easy-to-use
- ✓ No pre-treatment of the tooth required
- ✓ Comfortable working time with self cure mode

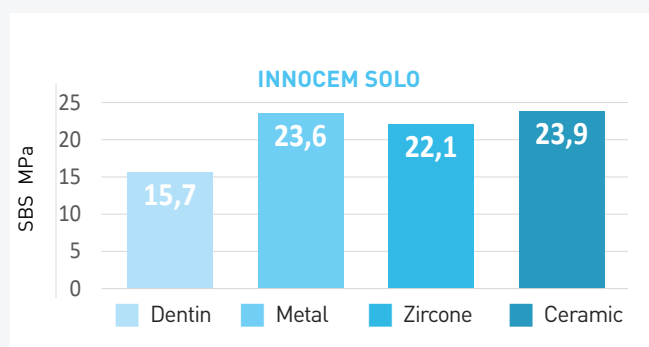
Universal cementation

- ▶ Metal, composite, etched or silanised ceramic inlays, onlays, crowns and bridges
- ▶ Ti-bases cementation

Universal

Powerfull bonding strength on all surfaces: dentin, metal, Zirconia, composite, etched and silanised ceramic.

Shear Bond Strength (SBS) 24h in water

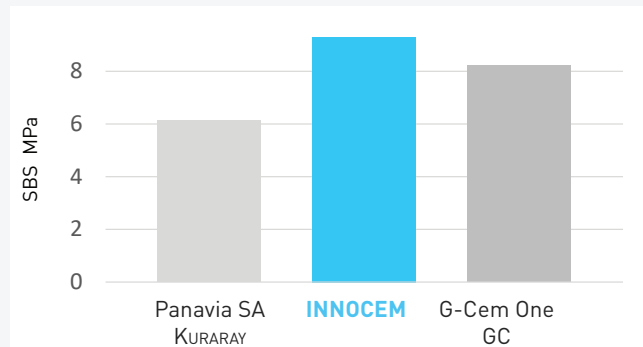


Tests conducted by G-Pharma. SBS according to ISO 11405.

Performant & Reliable

INNOCEM shows high adhesive performance after 90 days in water.

Shear Bond Strength (SBS) 90 days in water

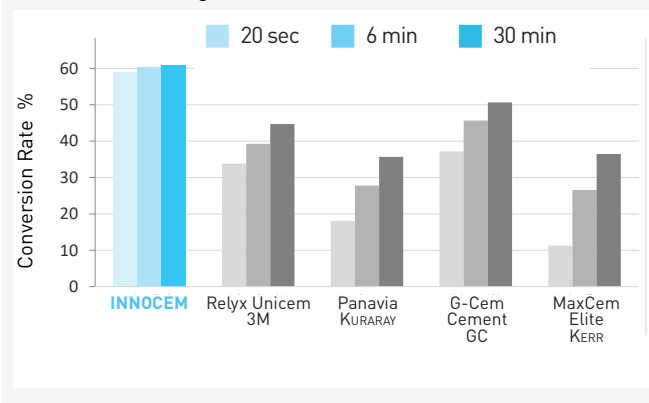


Extract from Report Dr P. TEYAGIRWA, M. H. JMAL, Dr O. ETIENNE (Université de Strasbourg - France - 2021)

Outstanding Conversion (polymerization) Degree

A high conversion degree leads to improved and durable physico-chemical qualities, and less toxicity.

Conversion degree (%)

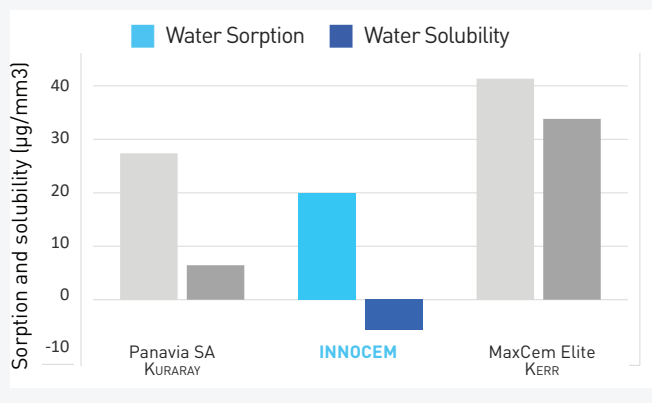


Tests conducted by G-Pharma. Conversion rate using spectrometer (FTIR).

Long-term performance

INNOCEM demonstrates low hydrophilicity after polymerization and no water release.

Water sorbtion and solubility



Tests conducted by G-Pharma according to ISO 16506 and ISO 4049.

DUO MODE

- ✓ In conjunction with our adhesives systems HEALBOND MP, HEALBOND MAX, H-BOND
- ✓ No activator needed (SMART CONCEPT)
- ✓ Enhanced bonding effectiveness with the activated contact cure technology (IPC)

- ▶ Maryland bridges of 2 to 3 elements,
- ▶ Root canal posts cementations (metallic or fiber posts).
- ▶ Etched or silanated ceramic veneers
- ▶ All prosthodontic restorations with poor retention.

DUO



SMART CONCEPT

So easy-to-use with all our bonding systems range HEALBOND MP, HEALBOND MAX & H-BOND **WITHOUT ACTIVATOR**



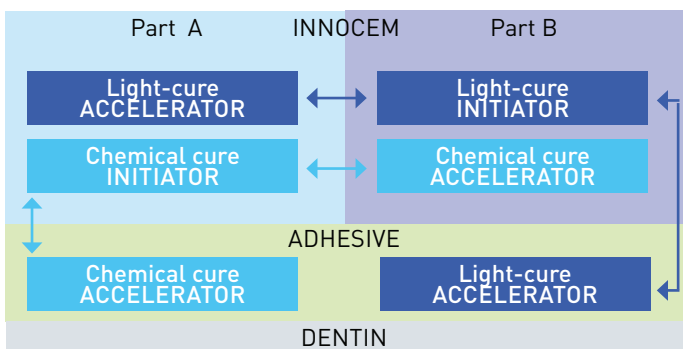
ELSODENT dual-cured products will make our adhesive systems dual without requiring an activator.

IPC TECHNOLOGY Initiator Polymerization Contact

The polymerization of INNOCEM is greatly facilitated and immediately initiated when it is in contact with the "adhesive" dentin (coated with one of our adhesive systems).

Their polymerization accelerators interact immediately with the initiator/polymerization system of INNOCEM, to get an instant start of the "sealing process", even if the final polymerization is far to be completed.

Thus, a powerful and definitive bonding of the prothetic element will be ensured.

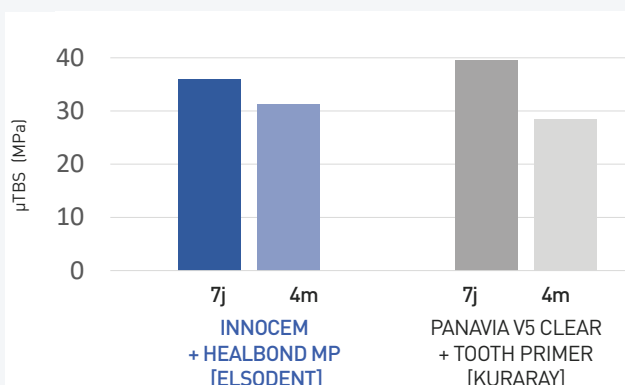


IPC Technology

Performance

In tandem, HEALBOND MP + INNOCEM show excellent adhesion values after 4 months in water with fatigue test.

Micro-Tensile Bond-Strength (μ TBS)
7 days and 4 months (100 000 thermocycles)



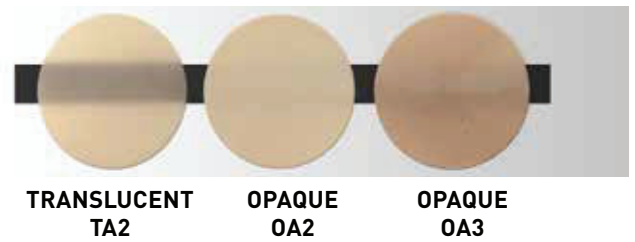
Extract from Report Leuven BIOMAT, Van Meerbeek et al. 2022

Durability of a powerful bonding

The report from LEUVEN BIOMAT also shows a significant degradation at 4 months for PANAVIA V5 + Tooth primer (Kuraray) whereas it remains non-significant for INNOCEM + HEALBOND MP (Elsodent).

Aesthetic

Strong hiding power of opaque shades.
Perfect for inlay core and amalgams..



REFERENCES & PRESENTATIONS

IC-10-TA2 Kit content: 1 automix syringe 5 ml (10g) Translucent A2 shade + 10 mixing tips + 10 intra-oral tips

IC-10-OA2 Kit content: 1 automix syringe 5 ml (10g) Opaque A2 shade + 10 mixing tips + 10 intra-oral tips

IC-10-OA3 Kit content: 1 automix syringe 5 ml (10g) Opaque A3 shade + 10 mixing tips + 10 intra-oral tips

DM class IIa (0197) excl. tips class I

"I have been successfully using INNOCEM universal self-etching dual-cure resin-cement for years, and it is really pleasant to handle in all clinical situations. In particular the opaque A2 shade, which has very high masking properties and is therefore very well indicated for restorations on discolored teeth or with inlay-cores."

Dr Christian MOUSSALLY (Paris)



>> CLINICAL CASE | Dr Christian MOUSSALLY (Paris)



1. Tooth prepared after gum laser fitting



2. Significant collar dyschromia



3. Cement application in the intrados



4. Crown set up



5. Easy removal of cement excess



6. Final result

>> PROSTHETIC CASE | Laboratoire EDENTECH (Herblay)



1. Setting INNOCEM on Ti-bases



2. Bonding of the Ti-bases in the bridge



"Fast self-cure, so there's no need for light-curing. No specific preparation or primer to apply to the Ti-bases before bonding. No disbondment in 3 years of regular use".

Laboratoire EDENTECH (Herblay)

INFO & CONTACT

ELSODENT SAS

35 av du Gros Chêne BP50072 HERBLAY
95612 CERGY-PONTOISE CEDEX FRANCE



+33 (0) 1 30 37 75 75
elsodent@elsodent.com
www.elsodent.com