

*The SMART combination of Strength & Convenience
with Relaxed Placement!*



SMART CEM 2
SELF-ADHESIVE CEMENT



- Gel phase for easy cleanup
- Convenient, relaxed placements
- Excellent retentive strength



Call 1-800-LD-CAULK or go to
www.caulk.com / www.dentsply.com

The SMART combination of Strength with Relax

Convenient Relaxed Placement

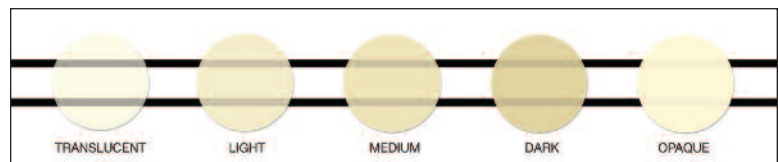
- Relaxed gel phase cleanup
 - Wide gel phase tack cure time – up to 10 seconds (vs. 2 seconds for other leading self-adhesive cements)
 - Easy gel phase cleanup — residual material is easily removed using an explorer & interproximal flossing



- Automix syringe
 - No hand mixing
 - No capsule activation
 - No trituration
 - Precise dosing



- 5 esthetic, cosmetic shades



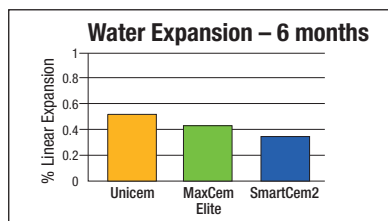
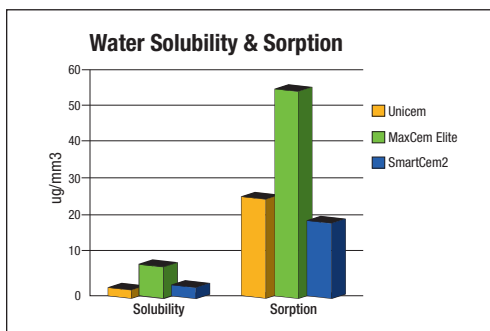
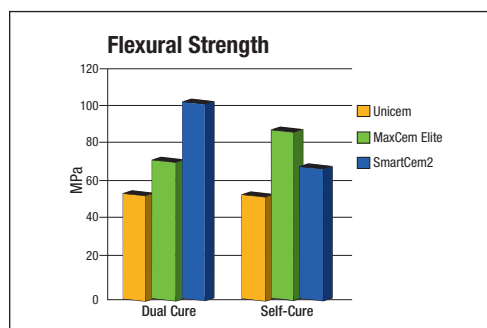
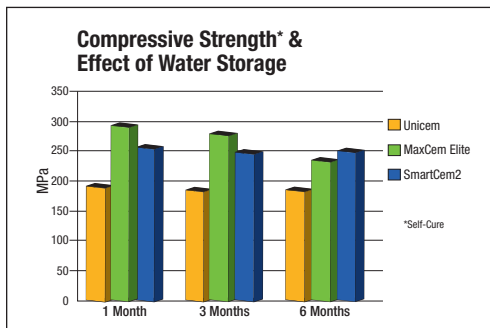
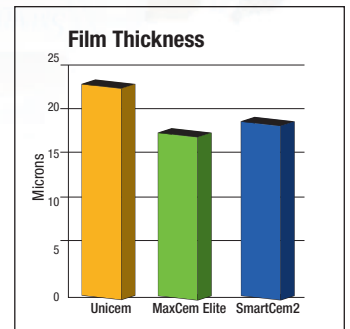
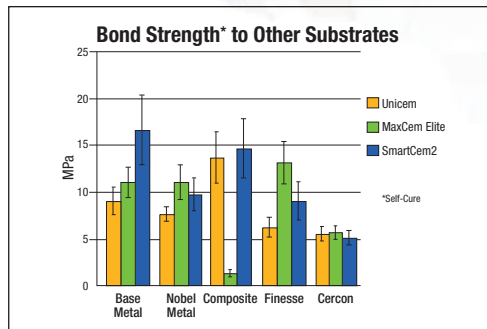
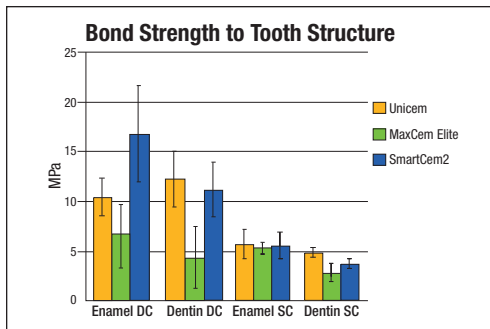
- Up to 10 second gel phase initiation for
 - Fewer premature cleanups
 - More multiple unit placements
 - Higher strength dual cure placements (as compared to self-cure)
- Long work time
- Set time – 6 minutes from start of mix (self-cure & dual cure)

Strength & Convenience Fixed Placement!



Strong

- Excellent retentive strength
- Low film thickness
- Low expansion & solubility
- New proprietary initiating system for increased stability
- Excellent radiopacity





Gently apply a thin uniform layer of SmartCem² Cement to the entire internal surface of the restoration. SmartCem² Cement offers up to 2 minutes of working time.



Immediately seat the restoration in the mouth. Right after applying cement, check for complete seating and perhaps rock the crown gently to insure optimal seating. There is a gel phase with SmartCem² Cement. It starts after about 1-2 minutes and lasts about 1 minute. Gel phase can also be achieved with a curing light applied around the margins for less than 10 seconds. Gel phase lasts about 45 seconds after the brief light curing.



Floss interproximally only in the direction of the restoration seating and then complete excess removal during the gel phase for easy cleanup. Protect restoration from movement during gel phase cleanup through final set.



Restoration is stabilized by light curing the margins for 20-40 seconds. For light transmissible restorations, final set is achieved by light curing buccal, lingual and occlusal for 10 seconds each. For restorations that are not light transmissible (e.g. metallic restorations) final set is achieved by allowing SmartCem² Cement to self-cure 6 minutes from start of mix.

Procedure Chart

	Self-Cure	Dual Cure – Non-Light Transmissible Restorations	Light Cure – Light Transmissible Restorations
TYPE OF RESTORATION	All	PFM, Zirconia, Alumina, opaque ceramics & composites	Translucent ceramics & composites
1. FILL AND SEAT CROWN Work time extraoral from start of mix:	up to 2 min	up to 2 min	up to 2 min
Protect restoration from movement during gel phase cleanup through final set			
2. REMOVE EXCESS Gel stage initiation from seating: Gel Duration:	1-2 min 1 min	up to 10 sec light cure 45 sec	up to 10 sec light cure 45 sec
3. STABILIZE	Constant occlusal pressure	Light cure margins 20-40 sec	Light cure margins 20-40 sec
4. FINAL SET	6 min from start of mix	6 min from start of mix	Upon completion of light curing each surface* 10 sec <i>*Buccal, Lingual and Occlusal</i>

Ordering Information

669001 **Syringe Introductory Kit**
5 Syringes (5g each) – 1 each shade: Light, Medium, Dark, Translucent, Opaque
50 Mixing Tips

Syringe Refills
2 Syringes (5g each)
20 Mixing Tips

- 669012 **Light**
- 669013 **Medium**
- 669014 **Dark**
- 669015 **Translucent**
- 669016 **Opaque**



- 669005 **Mixing Tips Refill (50)**
- 512501 **Intraoral Tips Refill (25)**
- 512502 **Endo Intraoral Tips Refill (30)**

See for yourself...Call DENTSPLY Caulk Customer Service at 1-800-532-2855 for a free sample of SmartCem² Cement. One (1) sample per each dentists' request.