



LOJIC+

HIGH STRENGTH, HIGH SILVER
SPHERICAL AMALGAM



HIGH STRENGTH SMOOTH HANDLING EXCELLENT POLISHABILITY

Lojic+, the platinum modified, high silver, non-gamma 2 spherical amalgam.

Over 60 million successful Lojic+ restorations have been placed since its worldwide release in 1988.

**CHOICE OF CAPSULE
SYSTEMS**

**CHOICE OF CAPSULE SIZES
AND SETTING TIMES**

**HIGH COMPRESSIVE
STRENGTH**



OPTIMAL HANDLING CHARACTERISTICS

Lojic+ mixes homogeneously, is easy to load into the carrier, condenses well, burnishes and carves nicely ^[3]. Dental Advisor stated "no marginal ridge fractures were reported upon matrix removal ^[3].

Lojic+ is easier to establish proximal contacts than with other single-composition spherical alloys ^[4].

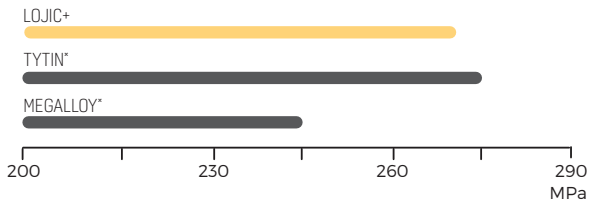
90% of The Dental Advisor consultants felt the amalgamated mass had the right consistency and that the capsule to capsule consistency was excellent ^[3].

TOUGH AND DURABLE LONG LASTING RESTORATIONS

HIGH COMPRESSIVE STRENGTH

Lojic+'s high compressive strength minimises the risk of fracturing the restoration. High compressive strength ensures a tough and durable long lasting restoration.

COMPRESSIVE STRENGTH @ 1 HOUR ⁽¹⁾



PLATINUM MODIFIED

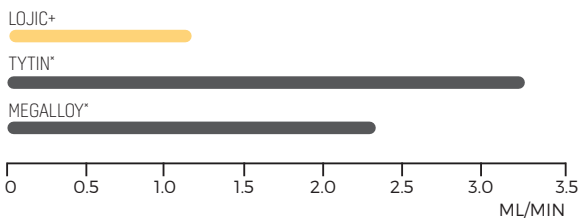
The addition of platinum improves the compressive and tensile strengths.

LOW MICROLEAKAGE

The microleakage for Lojic+ is considerably lower than other spherical alloys.

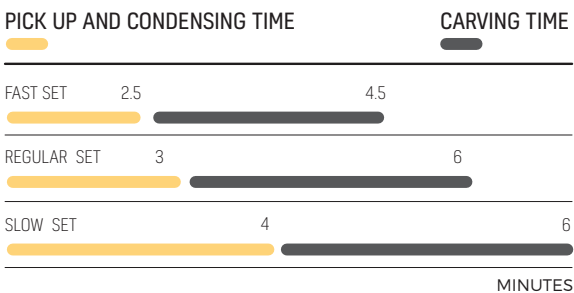
Extensive microleakage has been related to increased post operative sensitivity ⁽²⁾.

ML/MIN ⁽²⁾



GREATER CHOICE OF SETTING TIMES AND LARGER CHOICE OF CAPSULE SIZES

The working and setting times allow large restorations to be condensed and carved without difficulty.

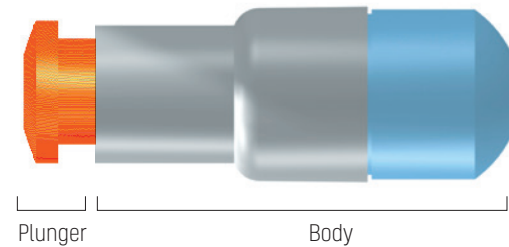


PHYSICAL PROPERTIES

Composition:	Ag 60.1%, Sn 28.05%, Cu 11.8%, Pt 0.05%, Hg 42.2%
Alloy Particle:	Spherical
Compressive strength @ 1 hour:	270MPa (39,150psi)
Compressive strength @ 24 hours:	520MPa (75,400psi)
Diametral tensile strength @ 1 hour:	35MPa (5,075psi)
Diametral tensile strength @ 24 hours:	50MPa (7,250psi)
Static creep @ 7 days:	0.7%
Dimensional change @ 24 hours:	-1µm/cm

CAPSULE SYSTEM

The SDI capsule system is designed to give consistent and accurate mixes every mix.

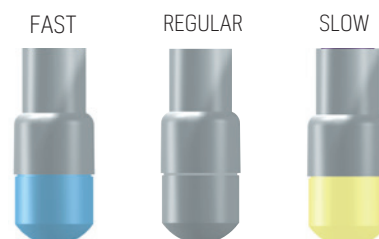


CONVENTIONAL CAPSULES

The plunger denotes the spill size:

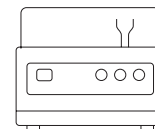


The capsule body denotes the setting speed:



NOTE: 5 Spill only available in regular set.

ORDER DETAILS



LOJIC+ CAPSULES

Boxes of 50 capsules - One Spill 400mg alloy	
Slow Set	4201404
Regular Set	4201303
Fast Set	4201202
Boxes of 50 capsules - Two Spill 600mg alloy	
Slow Set	4202404
Regular Set	4202303
Fast Set	4202202
Boxes of 50 capsules - Three Spill 800mg alloy	
Slow Set	4203404
Regular Set	4202303
Fast Set	4203202
Boxes of 50 capsules - Five Spill 1200mg alloy	
Regular Set	4205000
Jars of 500 capsules - One Spill 400mg alloy	
Slow Set	4221404
Regular Set	4221303
Fast Set	4221202
Jars of 500 capsules - Two Spill 600mg alloy	
Slow Set	4222404
Regular Set	4222303
Fast Set	4222202
Jars of 500 capsules - Three Spill 800mg alloy	
Slow Set	4223404
Regular Set	4223303
Fast Set	4223202
Jars of 500 capsules - Five Spill 1200mg alloy	
Regular Set	4225000

EQUIPMENT

Ultramat 2 (USA - includes power cord for USA)	5546045
Ultramat 2 (All countries - includes power cord for the region the product is shipped to)	5546052
Ultramat S (All countries - includes power cord for the region the product is shipped to)	5546058

MIXING TIMES

Ultramat S	
Frequency	Fixed (4600 rpm)
1, 2 & 3 Spill	6 ± 1 sec
5 Spill	6 ± 1 sec
Ultramat 2	
Frequency	Fixed (4550 rpm)
1, 2 & 3 Spill	6 ± 1 sec
5 Spill	6 ± 1 sec

* Tytin and Megalloy are not the registered trademarks of SDI Limited.

[1] Source-Published and SDI test data.

[2] Mahler, D.B., Bryant, R. W., Microleakage of amalgam alloys: An update, JADA September 1996, Vol. 127: 1351-1356

[3] The Dental Advisor Plus, September/October 1994, Vol. 4, No. 5.

[4] Lt. Col. Roberts, 56-07 Lojic+ Amalgam (Project 98-03), Brooks Airforce Base, United States Airforce Dental Investigation Services.



YOUR SMILE. OUR VISION.

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