

permite

HIGH SILVER, HIGH STRENGTH ADMIX AMALGAM

HOCHSILBERHALTIGES MISCHPARTIKEL AMALGAM, HOHE DRUCKFESTIGKEIT

AMÁLGAMA ADMIX DE ALTA RESISTÊNCIA COM ALTO TEOR DE PRATA

AMALGAMA MEZCLA, ALTA RESISTENCIA, ALTO CONTENIDO PLATA

AMALGAME MIXTE SPHERES ET COPEAUX, HAUTE TENEUR EN ARGENT

ET A FORTE RESISTANCE A LA COMPRESSION

HOOGZILVER, VERSTERKT ADMIX AMALGAAM

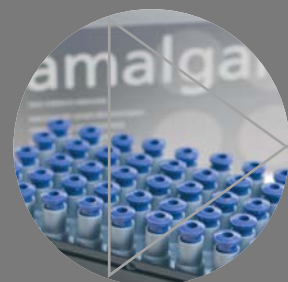
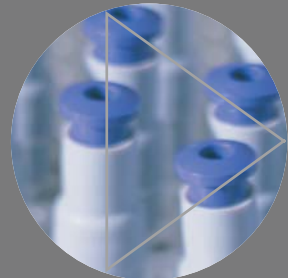
STERKT, ADMIX AMALGAM MED HØYT SØLVINNHold

ΑΜΑΛΓΑΜΑ ΔΙΑΣΠΟΡΑΣ, ΥΨΗΛΗΣ ΑΝΤΟΧΗΣ ΚΑΙ ΥΨΗΛΗΣ

ΠΕΡΙΕΚΤΙΚΟΤΗΤΑΣ ΣΕ ΑΡΓΥΡΟ

銀高含有強力アドミックス・アマルガム

高銀量、高強度混合型銀汞合金



SDI

high strength
high polishability
superior handling

permite



Permite - the non-gamma 2 admix alloy unsurpassed by any other.

Over 400 million successful Permite restorations have been placed since its release worldwide in 1975.

Optimal handling characteristics

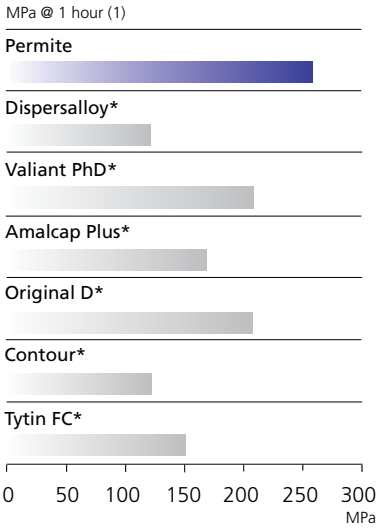
In the Dental Advisor Plus ⁽⁴⁾, Permite received a 98% rating for consistency of mix, ease of loading, placement in preparations, condensability, burnishability, quality of interproximal contact, carvability and setting characteristics.

The resulting restorations are smooth and have excellent margin adaptation, especially after burnishing. All consultants said they would recommend Permite to their colleagues. ⁽⁴⁾

Physical properties

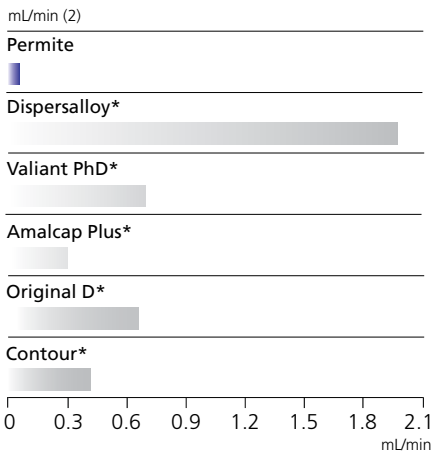
composition	Ag 56%, Sn 27.9%, Cu 15.4%, In 0.5%, Zn 0.2%, Hg 47.9%
alloy particle	spherical and lathe cut
compressive strength @ 1 hour	260MPa (37,700psi)
compressive strength @ 24 hours	500MPa (72,500psi)
diametral tensile strength @ 1 hour	28MPa (4,060psi)
diametral tensile strength @ 24 hours	54 MPa (7,830 psi)
static creep @ 7 days	0.2%
dimensional change @ 24 hours	+4µm/cm

High compressive strength



Permite's high compressive strength minimizes the risk of fracturing the restoration. High compressive strength ensures a tough and durable long lasting restoration.

Low microleakage

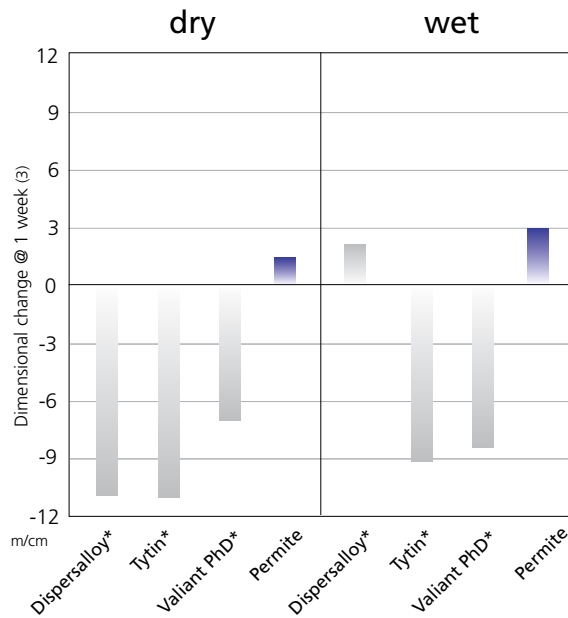


The microleakage for Permite is essentially zero. (3)

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

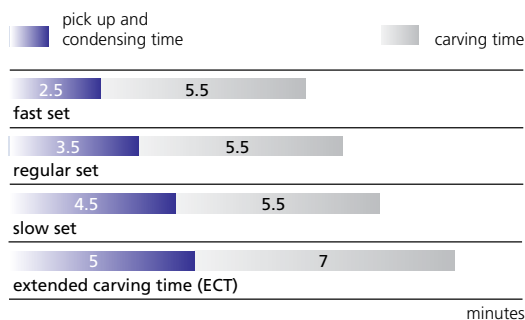
Not affected by moisture

Permite exhibits the best sealing qualities with no danger of excessive delayed expansion if accidentally contaminated with water-based fluids. Hence, it would seem prudent to select an alloy such as Permite for retrograde fillings. (3)



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. (4)



Capsules

The plungers denote the spill size:



The rest of the capsule denotes the setting speed:



NOTE: 5 spill only available in regular set. ECT (extended carving time), only available in Permite 1, 2 and 3 spill.



permite



Boxes of 50 capsules - one spill 400mg alloy

4001404	slow set
4001303	regular set
4001202	fast set
4001101	ECT (extended carving time)

Boxes of 50 capsules - two spill 600mg alloy

4002404	slow set
4002303	regular set
4002202	fast set
4002101	ECT (extended carving time)

Boxes of 50 capsules - three spill 800mg alloy

4003404	slow set
4003303	regular set
4003202	fast set
4003101	ECT (extended carving time)

Boxes of 50 capsules - five spill 1200mg alloy

4005000	regular set
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Jars of 500 capsules - one spill 400mg alloy

4021404	slow set
4021303	regular set
4021202	fast set
4021101	ECT (extended carving time)

Jars of 500 capsules - two spill 600mg alloy

4022404	slow set
4022303	regular set
4022202	fast set
4022101	ECT (extended carving time)

Jars of 500 capsules - three spill 800mg alloy

4023404	slow set
4023303	regular set
4023202	fast set
4023101	ECT (extended carving time)

Jars of 500 capsules - five spill 1200mg alloy

4025000	regular set
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Permite alloy tablets

4050303	regular set 5oz
4050202	fast set 5oz
4040303	regular set 150g
4040202	fast set 150g

Permite alloy powder

4060303	regular set 5oz
4060202	fast set 5oz
4070303	regular set 30g
4070202	fast set 30g
4080303	regular set 50g
4090303	regular set 250g
4090202	fast set 250g

* Dispersalloy, Valiant PhD, Amalcap Plus, Original D, Contour, Tytin and Tytin FC 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) Nelson, L. W., Mahler, D. B., Factors influencing the sealing behavior of retrograde amalgam fillings, Oral Surgery, Oral Medicine, Oral Pathology 1990;69:356-60

(4) The Dental Advisor Plus, March/April 1995, Vol. 5, No. 2



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