



HARVARD®

On Step, Self Adhesive
Easy & Fast
Composite-Hybrid

Harvard
POWERmer
Bulk



HARVARD®



Made in Germany

EN

Harvard POWERmer Bulk

High strength, self adhesive, dual cure composite-hybrid for easy & fast restorations

Harvard POWERmer Bulk is a tooth-shade bulk filling material based on resin modified glass ionomer cement with the high mechanical strength and the esthetic appearance of composite. No adhesive required. This makes **Harvard POWERmer Bulk** an ideal alternative to amalgam.

Bulk fill material



- >> Filling in one piece
- >> No increments necessary
- >> **Fast setting even with self curing**
- >> **Dual cure**

- >> Self-adhesive
- >> No shrinkage
- >> **No adhesive necessary!**

- >> In strength, wear, esthetics and polishing: **LIKE A COMPOSITE!**
- >> **Translucent**
- >> Radiopaque

- >> In fluoride release: **LIKE A GLASS IONOMER CEMENT!**

- >> HandMix or OptiCaps®

- >> **Quick and easy!**
- >> **An Alternative to Amalgam!**

The indications

of Harvard POWERmer Bulk

- >> Filling classes: I, II, III und V Restorations
- >> Core Build-Up
- >> Base
- >> Liner

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„This is an alternative
to amalgam? Amazing!“



Specialist area:
Restoratives,
Endodontics,
Prosthetics

- 1: Mixing for 10 seconds 2: Harvard POWERmer Bulk is applied without adhesive
3: Finished restoration after 20 seconds of light cure

Order Details

15 g powder / 7 ml liquid, dosage spoon, mixing pad A2	7071222
10 OptiCaps® ea. 0.5 g, ea. packed in aluminum pouch A2	7071212
50 OptiCaps® ea. 0.5 g, ea. packed in aluminum pouch A2	7071202
Harvard Applier OptiCaps®	7092000



50 x 0.5 g



7 ml / 15 g



The strength




of Harvard POWERmer Bulk

	FuJi II LC (GC)	POWERmer Bulk (Harvard)	Heliomolar (Ivoclar)	Cention N Forte (Ivoclar)
Compressive strength: (MPa)	180	300	270	280
Flexural strength: (MPa)	60	110	110	105
Hardness: (Barcol)	75	90	73	70
		LIKE A COMPOSITE!	Composite	

The abrasion resistance

of Harvard POWERmer Bulk

Abrasion of Harvard POWERmer Bulk: **5-year** simulation in a chewing load test (1,200,000 cycles): **very low, LIKE COMPOSITE!**

	PremiumFill+ (Harvard)	POWERmer Bulk (Harvard)	Cention N Forte (Ivoclar)
Abrasion volume: (mm ³)	1,1	1,0	1,9
SDM SD Mechatronik GmbH			
	Composite	LIKE A COMPOSITE!	

Abrasion according to Acta:

	FuJi II LC (GC)	POWERmer Bulk (Harvard)	Heliomolar (Ivoclar)	Cention N Forte (Ivoclar)
after 1 week: (µm)	>100	28	49	36
after 1 month: (µm)	>100	28	43	35
		LIKE A COMPOSITE!	Composite	

The esthetics

of Harvard POWERmer Bulk



before

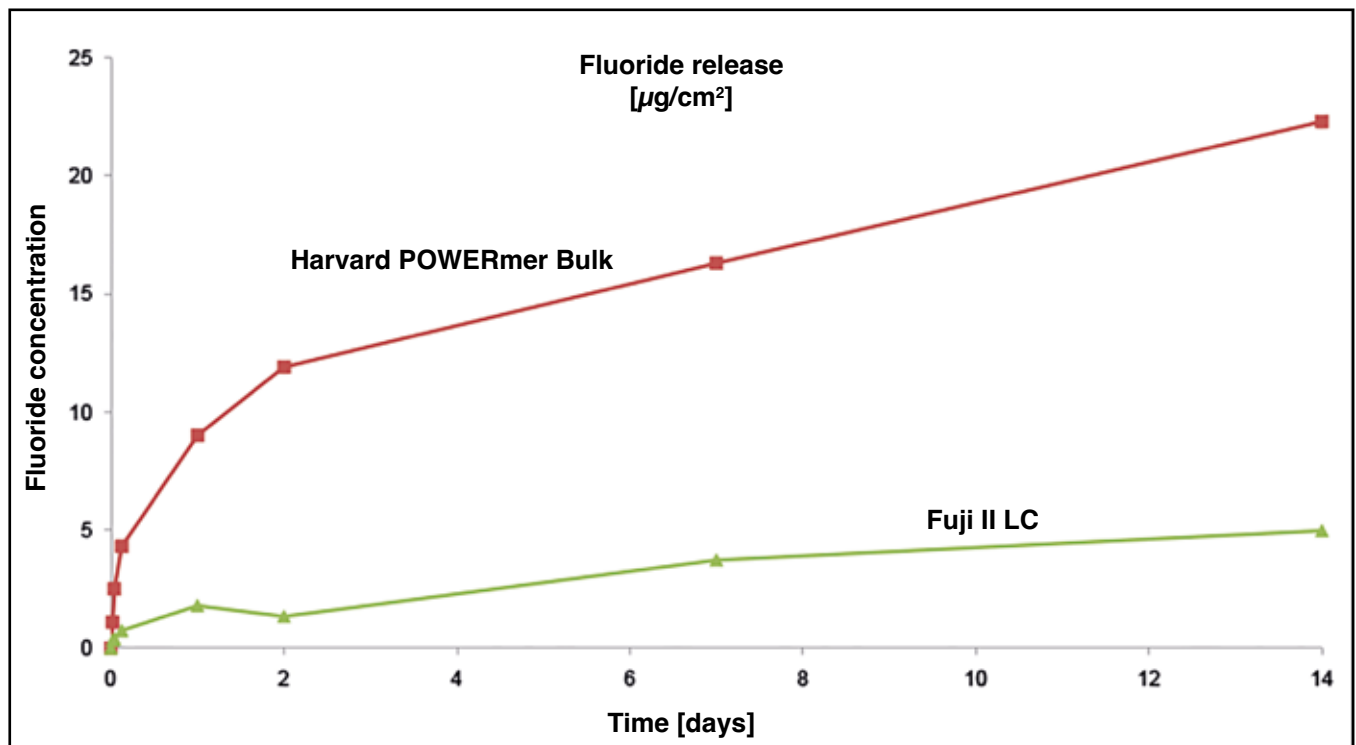


after

Even after 1,200,000 chewing cycles - **LIKE A COMPOSITE!**

The strong fluoride release

of Harvard POWERmer Bulk



LIKE GLASS IONOMER CEMENT!



HARVARD®

Much more
than you
expect.

Harvard Distribution Partner.

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HARVARD®

Marke und Qualität seit 1892

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