



HARVARD®

Harvard

BioPhosphate Cem

Der BIOAKTIVE
Befestigungs-
Zement !

Mineralisierend &
STARK!

Ca^{2+}

pH12

OH^-

Mineralisierender
Effekt

PO_4^{3-}



Made in Germany

DE

Harvard BioPhosphate Cem

Bioactive, self cure MTA zinc phosphate cement
for luting of crowns and bridges

- >> MTA zinc phosphate luting cement
- >> **High pH 12**
- >> **High calcium release**
- >> **Bioactive**
- >> Self cure
- >> No shrinkage
- >> Self-adhesive
- >> **Good adhesion** to tooth, zirconia and metal
- >> **No adhesive necessary!**
- >> Very low solubility
- >> **Strong**
- >> **Opaque**
- >> Radiopaque
- >> HandMix

Order Details

5 g powder / 2,5 ml liquid,
dosage spoon, mixing pad
Universal

7071520

Resin-free



Setting times

	Ceramir C&B (Doxa Dental)	BioPhosphate Cem (Harvard)
Working time from start of mixing at 23 °C (73 °F)	2:20 min	1:40 min
Net setting time	4:00 min	2:30 min

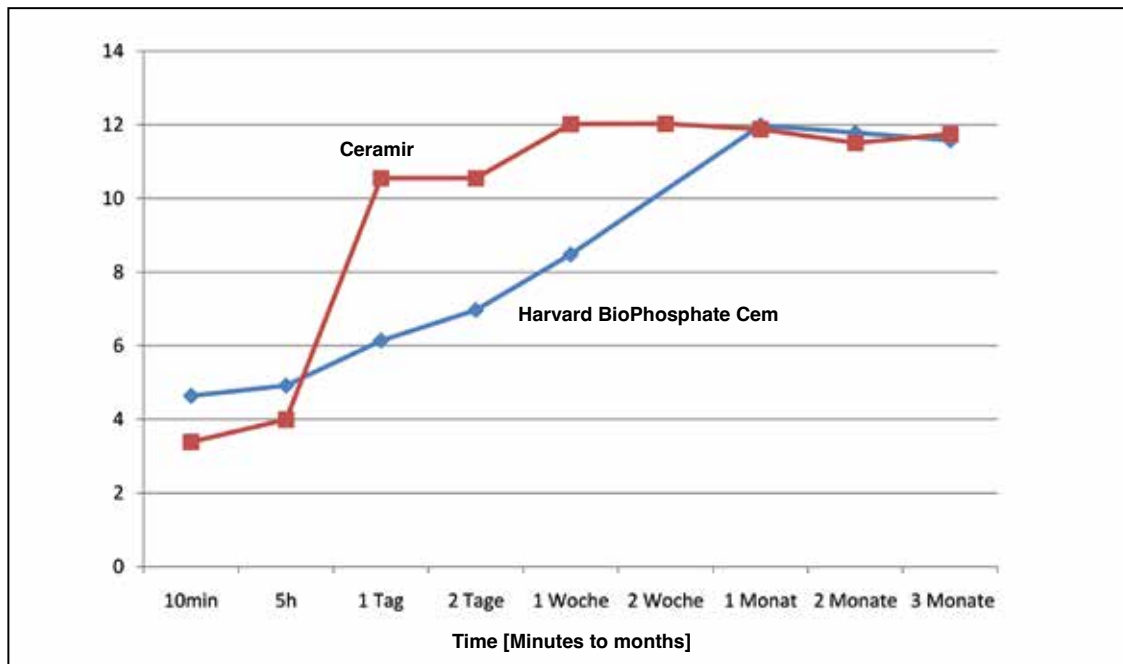
Mechanical properties

	Ceramir C&B (Doxa Dental)	BioPhosphate Cem (Harvard)
Compressive strength: (MPa)	150	180
Flexural strength: (MPa)	25	25
Volume behaviour:	- 2%	+ 0,5%
E-Modul: (MPa)	17.000	10.000
Opacity: (%)	98	100
Radiopacity: (% Al)	200	250

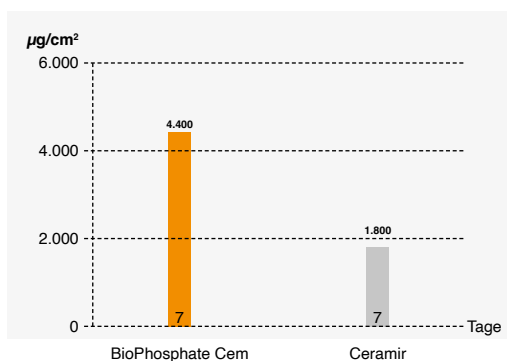
Alkalinity

	Ceramir C&B (Doxa Dental)	BioPhosphate Cem (Harvard)
pH value	12	12

pH curve



Calcium release





HARVARD®

Much more
than you
expect.

Harvard Distribution Partner.

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HARVARD®

Marke und Qualität seit 1892

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