



HARVARD®

Temporary care



IT FITS!

Temporary Crown & Bridge Materials

Harvard

TEMP C&B Ultra

Harvard

TEMP C&B

Harvard

TEMP C&B Pro

Temporary Luting Cements

Harvard

TEMP Cem

Harvard

TEMP Cem EasyDose®

Harvard

TEMP Cem Esthetic

Semi-permanent Luting Cement

Harvard

Implant



Made in Germany

EN

Harvard TEMP C&B Ultra

Semi-permanent crown and bridge material,
ratio 10:1

- Highgloss polishability
- High flexural strength
- Reduced smear layer
- High color stability
- Excellent esthetic
- Ratio 10:1



Highgloss polishability

NEW!

The natural fluorescence and very good polishability ensure perfect semi-permanent esthetic results.



Harvard
TEMP C&B Ultra

Harvard TEMP C&B

Temporary crown and bridge material, ratio 10:1

- Reliable and easy to use
- Final processing after 5:00 min
- Very good fracture resistance and hardness specially for veneers and longer bridge spans
- Very low polymerization temperature
- Natural esthetics and fluorescence
- High color stability



The experts' assessment

>> The simple and fast way to an aesthetic provisional with system. <<

Dentist Theresa Krause (Polyclinic for dentistry) / Director Prof. Dr. Heydecke (University Hospital Hamburg Eppendorf) Martinistraße 52, 20246 Hamburg



1: Initial situation of defected crown 11

2: Anatomical impressions with Harvard PremiumSil Mono. Preparation of the core.

3: Fill the anatomical impressions with Harvard TEMP C&B. The curing in mouth lasts 2:30 min from the start of the mix. As soon as the material reaches a rubber-elastic state, the impression can be removed from the mouth.

4: Removal of the temporary. The temporary remains in the impression and can be removed easily. The repositioning is done on the prepared tooth stump and then, for a further minute, the complete curing in the 50 °C. hot water bath.

5: Preparation with medium milling cutter. After a total of 5 minutes, the final hardness is reached and the edge of the temporary can be worked out by means of a milling

cutter after the inhibition layer has been removed with ethanol. As last step, **Harvard TEMP Glaze LC** is thinly applied on the surface. The curing is done with blue light.

6: Finished temporary in mouth. The prepared provisional restoration is filled with Harvard TEMP Cem and repositioned on the tooth stump.

Harvard TEMP C&B is a self cure composite material for the fabrication of temporary crowns, bridges, inlays, onlays and veneers. Because of its high final hardness and elasticity, **Harvard TEMP C&B** is also excellently suited for the production of long bridges. The material is already cured after 4:30 min.

A slight increase in temperature during polymerization is gentle to the pulp and comfortable for the patient. Damages on the temporary restoration can be easily repaired. The natural fluorescence and choice of shade ensure esthetic temporaries.

Harvard TEMP Glaze LC

Varnish for temporary crowns and bridges

- Highly esthetic and shiny surface without polishing
- Ideal for crowns and bridges in the visible area



Benefits:

- Very high mechanical strength with excellent elasticity
- Especially for long stable bridge spans
 - High fracture resistance and hardness even in very thin layers such as edges of crowns or thin veneers
 - Durable provisionals
- Simple correction
- Low polymerization temperature
 - Application gentle to the pulp
- Natural fluorescence, wide shade selection and shade stability
 - Very good adaptation to the natural tooth shade
- Final processing after 5:00 minutes
 - Reliable and easy handling

Harvard TEMP C&B Timing and Application

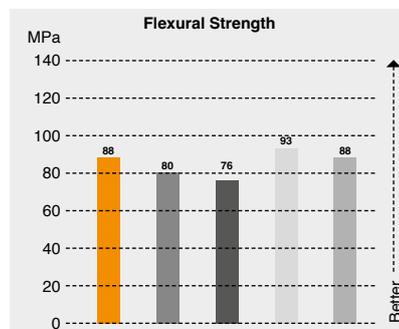
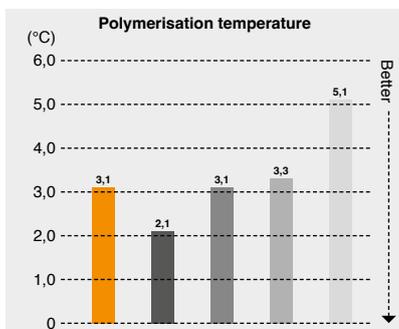


Application, Repair, Luting

If you do not want to polish, please apply **Harvard TEMP Glaze LC**, the light cure varnish, for the sealing and smoothing of the surfaces as well as for the perfect gloss. The fixation of the restoration should be done with an eugenol-free, provisional cement, such as **Harvard TEMP Cem**.

In the unlikely event of breakage in newly manufactured **Harvard Temp C&B temporary restorations**, the fractures can be coated and glued with **Harvard Temp C&B**.

Physical properties



Technical Data	
Mixing ratio	
10:1 (Base/Catalyst)	
Working time (23°C / 73°F)	0:50 min
Shore-D-hardness	75
Barcol-hardness	36
Flexural strength	88 MPa
Compressive strength	304 MPa
Diametral tensile strength	44 MPa
Elasticity Modulus	2,7 GPa

- Harvard TEMP C&B
- Telio CS C&B (Ivoclar Vivadent)
- Luxatemp Fluorescence 10:1 (DMG)
- Protemp 4 (3M ESPE)
- Structur 3 (VOCO)

Harvard TEMP C&B Pro

Temporary crown and bridge material, ratio 4:1

- Reliable and easy to use
- Good fracture resistance and hardness
- Low polymerization temperature
- Natural esthetics and fluorescence
- Color stability
- Good price / performance ratio



50 ml

Harvard TEMP Cem

Eugenol-free temporary luting cement in a minimix syringe

- Optimal adhesion
- Easy removal of the temporary
- No residual cement on the core
- Contains zinc oxide
- Excellent flow
- Eugenol-free
- Easy removal of excess material



The experts' assessment

>> Harvard TEMP Cem save precious working time and make patients feel satisfied. <<



Preparation



Crown fixation with
Harvard TEMP Cem



Removal of excess material



Temporary

Harvard TEMP Cem is a temporary cement of the latest generation. The minimix syringe saves valuable working time and is easy to use. Depending on the application, the cement can hold the restoration reliably for several days to several months. Excess can be easily removed and cleaned without leaving any residue.

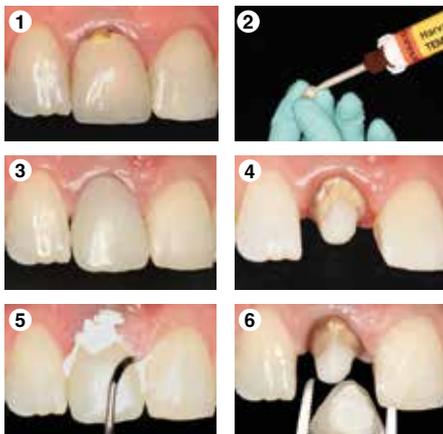
I save valuable working time and my patients are very satisfied.



Oxana Hilfer, Dentist,
Hamburg, Germany

Harvard TEMP Cem is an eugenol-free temporary zinc oxide-based cement.

The convenient dosage form in the minimix syringe saves time and ensures an exact dosage. With its low film thickness, the material allows a perfect fit of the restoration. Material excess on the crown margin is easy to remove. A safe fixation of the restoration is just as easy as its removal. When the temporary is removed, the cement does not remain on the core but inside the temporary restoration.



No laborious trimming. This saves time and nerves – from the doctor and the patient.

- 1: Initial situation of defected crown 11
- 2: Core preparation
- 3: Fill the temporary with Harvard TEMP Cem.
The minimix syringe provides an accurate dosage and void-free cement. After a working time of 1:30 min, the material starts to set.
- 4: After the setting time the excess can be easily removed
- 5: Final temporary (with Harvard TEMP C&B, Harvard PremiumFlow and Harvard TEMP Glaze LC)
- 6: Until the definitive crown has been applied, the temporary system has neither loosened nor discolored. The removal happens with any problem. Harvard TEMP Cem remains residue-free in the provisional crown, meaning that it was not necessary to perform a cumbersome core cleaning. The subsequent adaptation and the set of the definitive treatment can thus be carried out in a time-saving manner.

Dentist Theresa Krause (Polyclinic for dentistry) / Director Prof. Dr. Heydecke (University Hospital Hamburg Eppendorf) Martinistraße 52, 20246 Hamburg

Safe adhesion of the temporary + no material residue on the core = time-saving. Harvard TEMP Cem in comparison:



Harvard TEMP Cem:
The cement stays completely in the temporary



Widespread competitors' product:
The material stays on the core

Technical Data

Compressive strength
Film thickness

10 MPa
7 µm

Working time (23°C / 73°F)
Setting time

1:30 min
2:00 - 3:00 min

Harvard TEMP Cem EasyDose®

Eugenol-free temporary luting cement in a dosing syringe

- Handmix – more economic
- Optimal adhesion
- Easy removal of the temporary
- No residual cement on the core
- Contains zinc oxide
- Excellent flow behavior
- Eugenol-free
- Easy removal of excess



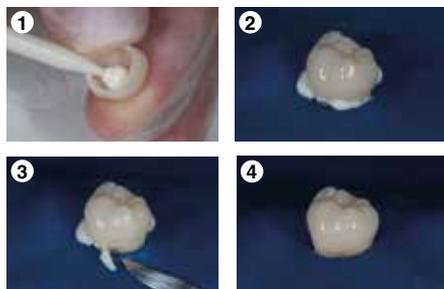
Harvard TEMP Cem Esthetic

Translucent zinc oxide cement for temporary luting

- Translucent and esthetic material
- Easy removal of excess material
- Easy removal of the restoration
- No residual cement on the core
- Eugenol-free



Aesthetic and comfortable.



- 1: Application of material into the crown
- 2: Temporary crown cementation
- 3: **Easy removal** of excess material
- 4: Fixed crown with Harvard TEMP Cem Esthetic

Technical data

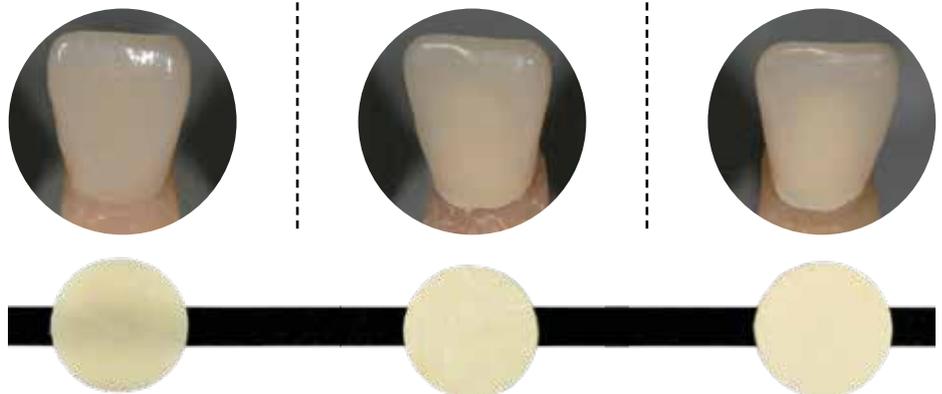
Film thickness	11 μ m
Working time (23°C / 73°F)	> 1:30 min
Setting time	< 3:30 min

Harvard TEMP Cem Esthetic

Harvard TEMP Cem

TempBond NE (Kerr)

Aesthetic characteristics. Harvard TEMP Cem Esthetic achieves a very high translucency and natural aesthetics.



Cement remains in the crown. Harvard TEMP Cem Esthetic allows an easy removal of crowns and bridges. After removal no residual cement remains on the core.



Cement remains in the crown and on the core.



Harvard Implant

Semi-permanent

Dual cure composite cement for semi-permanent cementation of implant based crowns and bridges

- Safe fixation, easy removal, easy re-cementation
- Elastic polymer film to minimize chewing pressure on the bone
- Excellent sealing, no shrinkage
- Easy removal of the crown
- Easy removal of excess material
- Contains zinc oxide



The experts' assessment



- 1: Abutments of Implants
- 2: Filling the bridge with Harvard Implant
- 3: Light cure
- 4: Harvard Implant excess material
- 5: Easy removal of excess material
- 6: Implants with the supraconstruction

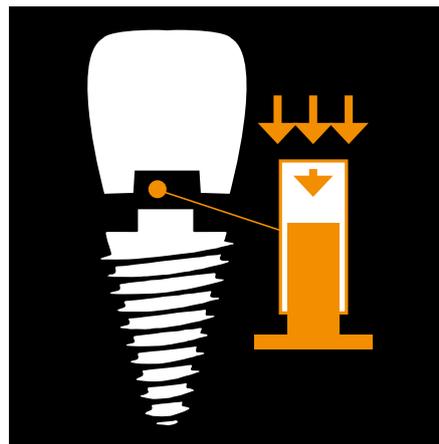
>> The safe, semi-permanent cementation <<

Harvard Implant Semi-permanent allows by the self-mixing minimix syringe an exact dosage of needed amount of cement. Excess material can be removed effortless and completely after a short light curing with LED light. Even bigger restorations can be easily removed at any time. Long and cumbersome trimming after removing is avoided.



Oxana Hilfer, Dentist,
Hamburg, Germany

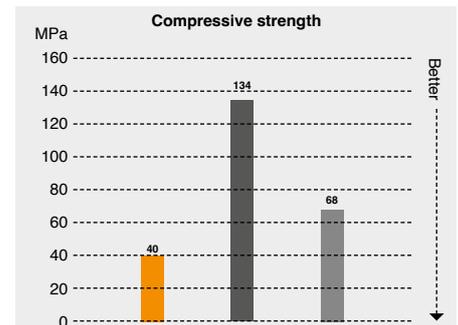
Dampens the chewing pressure on the bone!



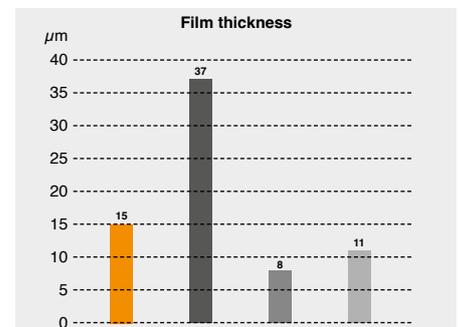
Technical Data

Compressive strength	40 MPa
Film thickness	15 μ m
Working time (23 °C / 73 °F)	2:00 Min.
Setting time (self cure)	approx. 4:00 Min.
Light cure, per area	20 Sek.

Physical Properties



■ Harvard Implant Semi-permanent
■ Ivoclar Vivadent Telio CS Cem Implant
■ Detax Implantlink semi



■ Harvard Implant Semi-permanent
■ Ivoclar Vivadent Telio CS Cem Implant
■ Detax Implantlink semi
■ Premier Dental Premier Implant

The cement of choice for cementation on abutments.

Order informations:

Harvard TEMP C&B Ultra

Harvard TEMP C&B Ultra	
50 ml automix cartridge 10:1, 10 mixing tips	
A2	7081662
A3	7081663

Harvard Auto 4:1 / 10:1 S-Blue	7094000
Refill bag with 50 mixing tips	
Harvard Dispenser Automix 4:1 / 10:1	7095000

Harvard TEMP C&B

Harvard TEMP C&B	
50 ml automix cartridge 10:1, 10 mixing tips	
A1	7081651
A2	7081652
A3	7081653
A3.5	7081654
BL	7081650

Harvard Auto 4:1 / 10:1 S-Blue	7094000
Refill bag with 50 mixing tips	
Harvard Dispenser Automix 4:1 / 10:1	7095000

Harvard TEMP Glaze LC

Harvard TEMP Glaze LC	
30 ml bottle	7081730

Harvard TEMP C&B Pro

Harvard TEMP C&B Pro	
50 ml automix cartridge 4:1, 10 mixing tips	
A1	7081641
A2	7081642
A3	7081643

Harvard Auto 4:1 / 10:1 S-Blue	7094000
Refill bag with 50 mixing tips	
Harvard Dispenser Automix 4:1 / 10:1	7095000

Harvard TEMP Cem

Harvard TEMP Cem	
5 ml minimix syringe, 10 mixing tips	7081100
10 ml minimix syringe, 20 mixing tips	7081200

Harvard Mini 1:1 S-Brown	7091050
Refill bag with 50 mixing tips	

Harvard TEMP Cem EasyDose®

Harvard TEMP Cem EasyDose®	
10 ml EasyDose® syringe	7081103

Harvard TEMP Cem Esthetic

Harvard TEMP Cem Esthetic	
5 ml minimix syringe, 10 mixing tips	7081104

Harvard Mini 1:1 S-Brown	7091050
Refill bag with 50 mixing tips	

Harvard Implant Semi-permanent

Harvard Implant Semi-permanent	
5 ml minimix syringe, 10 mixing tips	7081400

Harvard Mini 4:1 / 10:1 S-Brown	7093050
Refill bag with 50 mixing tips	

Harvard Distribution Partner.

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HARVARD®

Marke und Qualität seit 1892

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