

# breformance

Hot and cold cure C + B material for temporary restorations. breformance meets precisely the requirements of dental surgeries and laboratories and is simple to use. This results in a more efficient work process and faster production of temporary restorations for patients.

- Self-curing and heat curing, filler-free, (acrylate-based)
- Simple processing
- Superior mouldability
- High elasticity
- High resistance to fracture
- Excellent color stability
- available in tooth colours  
\* Vita A2 / A3 / A3,5 / B3 / C2 / D3

## Indications

- Temporary crowns and bridges
- Long-term temporary restorations
- Extraoral repairs
- Covering of attachments in combined dentures
- Fixation of ground acrylic denture teeth on CoCr dentures



# Performance LiquidColdCuringPolymer

Liquid plastic for quick and easy production of temporary crowns and bridges.

Performance LiquidColdCuringPolymer is noted particularly for its elasticity, tensile strength and colour stability.

## Processing



1 Mix Performance LiquidColdCuringPolymer in the ratio of 4 drops of liquid to 0.1g of powder.



2 Mix liquid and powder to obtain a creamy consistency which will make processing easier.



3 Place a silicone matrix produced with Haptosil D, Order No. 540 0118 0 onto the wax. Cover model and die with a coat of model separating liquid.



4 The processing time is 3 -5 minutes (depending on the room temperature) and allows convenient working. Polymerizing can be performed at air, in the water bath at 40 °C or in the pressure polymerization unit in water (temperature: 40 °C) and a pressure of 3-4 bar.

## Grinding and polishing



6 Grind Performance LiquidColdCuringPolymer with a tungsten carbide bur, e.g. Order No. D194 KT 23.



7 Prepolish with the Rodeo round brush, Order No. 350 0096 0 350 0096 0, Ø 18 mm, and K50 polishing paste, Order No. 520 0016 1.



8 High luster polishing is carried out using the cotton buff, Order No. 350 0065 0, and Abraso-Starglanz high luster polishing paste, Order No. 520 0016 3.

### Please note:

It is recommended to use an extraction system when carrying out grinding and polishing work.

## Fabrication of an individual restoration



9 Wax-up with Biotec wax, Order No. 510 0061 0.



10 After preparing a silicone matrix (see fig. 4), pour in Performance LiquidColdCuringPolymer.



11 Mark the contours of individual layering on the tooth mould prepared with dentine material.



12 Dentine body wetted with Performance LiquidColdCuringPolymer prepared for the application of individual effects.

## Fixing denture teeth to CoCr structures



13 Preparing the silicone matrix.



14 Prepared situation.



15 Pour in Performance ColdCuringPolymer.



Crown individually layered with enamel and transparent materials.

## Application in the dental surgery

### Production of an acrylic bridge for immediate integration



Prior to operation appointment a diagnostic setup was produced. This was transferred completely in resin in reduced dimensions. After the insertion of the implants the technician received an impression of the new situation. The fast & fixed abutments were successively screwed in and the high-spots on the bridge body were relieved. After closing the screw channels, e.g. with wax, the impression was completed with resin.



When finishing, the prone abutment sleeves were adapted to the anatomy of the bridge. Particular attention is paid to a smooth basal manufacture with good high luster and without niches and sharp edges. The screw channels were closed after integration with composite.

## breformance LiquidHeatCuring

Easy to use heat-curing resin for temporary crown and bridge technology. Monomer reduced production is possible with breformance LiquidHeatCuring.



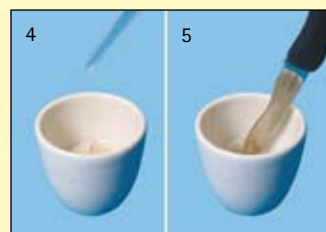
Embed the model so that the cover of the mould can be easily separated.



Heat the mould with boiling water to facilitate opening. To prevent the dies from fracturing, open the two halves of the mould carefully. After opening, boil out the remaining wax.



Deburr any sharp edges. Use Isoplast ip (Order No. 540 0101 9) to insulate the plaster while it is still warm. Make sure that no puddles form behind the dies. Isoplast ip facilitates removal after the polymerization process.



Mix breformance to a ratio of 1:2 (liquid:powder). After selecting the dentine colour, place the powder in a ceramic mixing bowl and then add the appropriate amount of liquid. After mixing, the resin must be left to expand for approx. 6 minutes.



The expanded resin is now inserted into the mould taking care to avoid bubble formation. More resin is inserted than necessary so that the plastic is compressed during pressing.



For the trial pressing a foil is placed between the two mould halves. After the trial pressing, individual treatment can begin.



The enamel area is cut back using a sharp instrument. The pre-reacted enamel resin is now added and a new trial pressing is made. After checking the trial pressing, the mould is closed and heated.



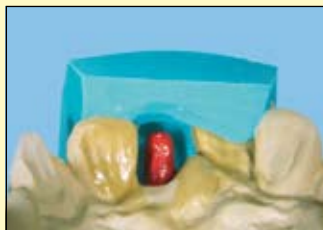
The finished bridge with layered enamel. If the tooth color is not as desired, individualize problem free with breformance LiquidColdCuring-Polymer.

## breformance LiquidColdCuring



\* 50 ml  
Order No. 540 0110 7

\* 100 ml  
Order No. 540 0111 2



\*Assortment 13 pieces  
**breformance LiquidColdCuring**  
**breformance model separating liquid**  
**breformance Polymer**

1 x 50 ml breformance LiquidColdCuring  
1 x 50 ml breformance model separating liquid  
each 25 g Polymer  
Order No. 540 0109 5

## breformance Polymer

for breformance LiquidColdCuring and breformance LiquidHeatCuring



1 neck material Cervical	*25 g	Order No. 540 0110 4
	90 g	Order No. 540 0111 8
1 neck material Cervical 2	*25 g	Order No. 540 0110 5
	90 g	Order No. 540 0111 9
1 dentine material A2	*25 g	Order No. 540 0109 6
	90 g	Order No. 540 0111 3
1 dentine material A3	*25 g	Order No. 540 0109 7
	90 g	Order No. 540 0110 9
1 dentine material A3,5	*25 g	Order No. 540 0109 8
	90 g	Order No. 540 0111 0
1 dentine material B3	*25 g	Order No. 540 0110 0
	90 g	Order No. 540 0111 5
1 dentine material C2	*25 g	Order No. 540 0109 9
	90 g	Order No. 540 0111 4
1 dentine material D3	*25 g	Order No. 540 0110 1
	90 g	Order No. 540 0111 6
1 incisal material Enamel 1	*25 g	Order No. 540 0110 2
	90 g	Order No. 540 0111 1
1 incisal material Enamel 2	*25 g	Order No. 540 0110 3
	90 g	Order No. 540 0111 7
1 transparent material	*25 g	Order No. 540 0110 6
	90 g	Order No. 540 0112 0

**Cervical 1** A2 / A3 / B3 / C2 **Cervical 2** A3,5 / D3  
**Enamel 1** A2 / A3 / B3 / C2 **Enamel 2** A3,5 / D3

\* according to Vita classical / Vita is a registered trademark of Vita Zahnfabrik, Bad Säckingen

## breformance LiquidHeatCuring



50 ml  
Order No. 540 0119 1



Accessories:



**Isoplast ip**  
750 ml  
Order No. 540 0101 9



**Round brush Rodeo**  
Order No. 350 0096 0



**Polishing paste Abraso-Star**  
K50 low abrasion  
320 g  
Order No. 520 0016 1



**Haptosil D**  
Components A and B  
each 1300 g  
Order No. 540 0118 0

**PE-Foils**  
80 pieces  
Order No. 320 0045 6

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Subject to changes