

tempofit® regular 1:1

GB
Instructions for use

Material for making temporary crowns and bridges, self curing, bis-acrylic-composite 1:1



Fig. 1

1. Preparation of the impression

Before any preparation is done (stump or bridge preparation, tooth extraction), take a situation impression using alginate or silicone. Interdental ridges should be excised to increase the amount of material later available for finishing (Fig. 1). If there is a gap between molars, a connecting bar between prepared teeth is created by cutting a groove between the abutment teeth in the impression. Alginate impressions should be kept at 100% rel. humidity until filling with **tempofit® regular**.



Fig. 2

2. Use of the dispensing gun

Cartridge material is extruded using the Automix2-System dispensing gun (Fig. 2). After inserting cartridge into dispensing gun, unscrew cap and carefully extrude a small amount of material to insure proper flow from both ducts (Fig. 3). Attach mixing cannula by aligning notched side to cartridge and turning clockwise until fastened (Fig. 4). Dispenser is now ready for individual mixing. Leave mixing cannula on cartridge after use. Use only 1:1 blue short mixing cannulas!



Fig. 3

3. Mixing and application

tempofit® regular base material and catalyst are automatically mixed in the correct proportion when extruding by dispensing gun. Before beginning work with the Automix2 dispensing gun, always extrude a small (pea-sized) amount and discard (Fig. 5). Apply **tempofit® regular** to deepest parts of impression first and evenly fill impression up to gingival level (Fig. 6).



Fig. 4

4. Intraoral modelling of the temporary

Seat filled impression onto prepared teeth and remove any excess material with a plastic tool. **tempofit® regular** will attain a hard-elastic consistency after 1 - 2:30 min. after extrusion, at which time temporary and impression can be removed from mouth. Be sure to closely follow the progress of polymerisation, as removal is only possible while material is still elastic (Fig. 7).

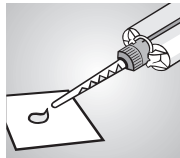


Fig. 5

5. Hardening and finishing

Remove temporary from impression and remove excess material and proximal undercuts. After 5 - 6 min., material is completely cured and hard enough to be trimmed and polished with finishing burs. Contact with oxygen creates an inhibition layer on the temporary, which should be removed using ethyl or isopropyl alcohol. Instead of with polish, the finished temporary prosthetic can be surface-sealed with **tempofit® finish**.

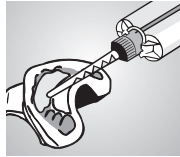


Fig. 6

6. Fastening the temporary

tempofit® temporaries can be fastened using commercially available temporary dental cements, e.g. **tempolink®** (eugenol-free). Please note that any residues of eugenol containing cements must be completely eliminated after removal of the temporary from the mouth, as they may interfere with the setting process if composite-type cements are used for subsequent attachment.

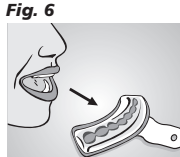


Fig. 7

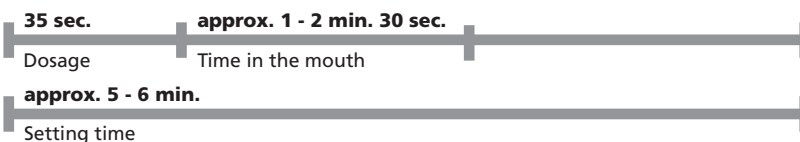
7. Repairing and making minor corrections

Repairs or reinforcement can be performed by means of **smartrepair®**. For aesthetic adaptation of the gingival areas, use **smartrepair® rosa**. Polymerisation is effected by light curing, using a hand lamp. Thoroughly clean and dry temporary. Roughen area to be treated and be sure to remove any residual dust from grinding. Apply **smartbond®** evenly using **smartbrush** and distribute with circular movements. Use air syringe to spread **smartbond®** layer evenly; let dry for 1 min. Apply **smartrepair®** and expose all treated areas to UV light for at least 40 sec. Finish curing process by exposing all areas to light for additional 30 sec. Repaired areas can then be trimmed and polished.

Important hints

- To ensure a homogeneous mixing: Prior to insert the mixing cannula, **always** eject a small amount of material to ensure extruding **equal amounts** of base and catalyst from **both orifices** (Fig. 3).
- Avoid contact with skin and eyes. In the event of accidental contact, rinse with plenty of running water, and consult an specialist if necessary.
- Please follow the instructions of the safety data sheet!

For use by trained specialists.



Indications for use:

- construction of crown and bridge temporaries
- short- and long-term temporaries

Contraindication:

- In very rare cases **tempofit® regular** may cause sensitization. If such reactions should occur, discontinue using **tempofit® regular**.

Technical data:

- **Mixed volume:** 50 ml (cartridges)
- **Mixing ratio:** 1:1
- **Product colours:** A1 / A2 / A3 / A3.5 (as indicated on package)
- **Dosage and application time:** approx. 35 sec.*
- **Setting time in the mouth:** approx. 1 - 2 min. 30 sec.* (hard-elastic phase, from beginning of mixing)
- **Setting time:** approx. 5 - 6 min.* (until setting is completed)
- **Application:** At 23 °C ± 2 °C / 73 °F ± 3.6 °F
- **Storage:**



* At 23 °C: Increased temperatures accelerate, decreased temperatures prolong these times.

Physical properties:

- **Compressive strength:** > 180 MPa
- **Flexural strength:** > 70 MPa
- **Diametral tensile strength:** > 32 MPa
- **Barcol hardness:** > 33

Ordering information:

tempofit® regular 1:1

Standard pack
Cartridge of 50 ml, 1:1
10 Mixing cannulas, blue, short

A1	03531
A2	03526
A3	03532
A3.5	03533

tempofit® finish

Standard pack
bottle 4 ml
Disposable brush 10 pcs.

smartrepair® Standard packing application syringe	1,5 g
application needles	5 pcs.
A2	02772
A3	02862
A3.5	02695

smartrepair® rosa 03364
application syringe 3 g
application needles 8 pcs.

smartbond® 02696
bottle 5 ml
smartbrush 5 pcs.

DETAX

GmbH & Co. KG
Carl-Zeiss-Str. 4 · 76275 Ettlingen/Germany
Telefon: 07243/510-0 · Fax: 07243/510-100
www.detax.de · post@detax.de

Made in Germany



10/2017

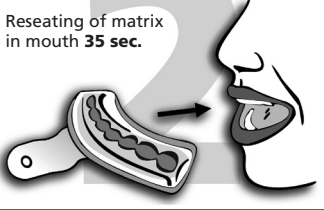
tempofit® regular 1:1

Verarbeitung · Procedure

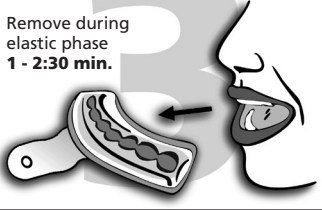
tempofit® in Vorabformung, Tiefzieh-schiene, Kronenhülse applizieren
Application of **tempofit®** into preliminary impression, vacuform, crownform




Reponieren der Matrix im Mund
35 Sek.
Reseating of matrix in mouth **35 sec.**



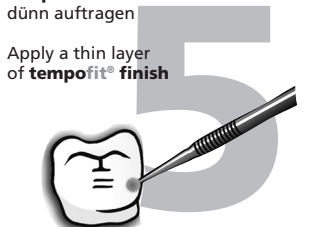
Entnehmen in der elastischen Phase **1 - 2:30 Min.**
Remove during elastic phase **1 - 2:30 min.**



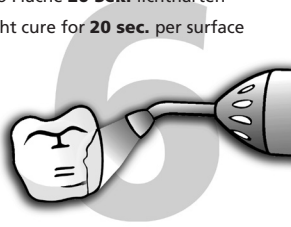
Beschneiden, Ausarbeiten nach dem Abbinden **nach 5-6 Min.**
Cut and trim after curing **after 5-6 min.**



tempofit® finish dünn auftragen
Apply a thin layer of **tempofit® finish**

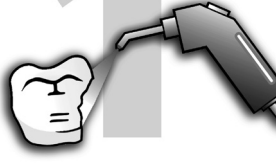


pro Fläche **20 Sek.** lichthärten
light cure for **20 sec.** per surface




Reparieren und Ergänzen mit **smartrepair®** Repairing and completing with **smartrepair®**

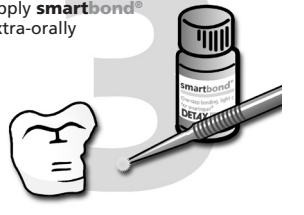
Provisorium reinigen und trocknen
Rinse and dry temporary restoration



Reparaturfläche anrauen und säubern
Roughen and clean fractured surface



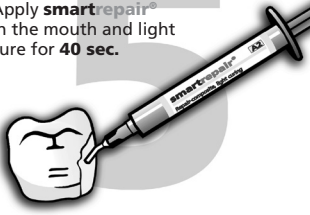
smartbond® außerhalb des Mundes auftragen
Apply **smartbond®** extra-orally



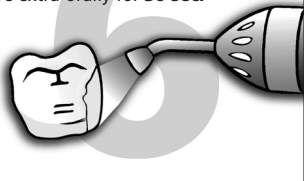
Mit Druckluft verblasen und **1 Min.** trocknen (siehe Bild 1)
Blow away excess with air syringe and let dry for **1 min.** (see figure 1)



smartrepair® im Mund auftragen und **40 Sek.** lichthärten
Apply **smartrepair®** in the mouth and light cure for **40 sec.**



Provisorium entnehmen und extra-oral **30 Sek.** lichthärten
Remove temporary and light cure extra-orally for **30 sec.**



Ausarbeiten und polieren
Trim and polish

