

DentoCrown

Self-polymerizing resin to make temporary crowns & bridges



Indications

Making of:

- crowns
- bridges
- inlays
- onlays

Hints & Tips

- Remove the viscous (inhibiting) layer that forms on the surface of the temporary tooth with alcohol.
- Useful information: There are no bonds between DentoCrown composite resins and polycarboxylate temporary crowns. To ensure adhesion, an adhesive must be applied between the resin and the temporary crown.
- DentoCrown can't be rebased. DentoTemp can be used to fill holes in and to seal your temporary crown.

TECHNICAL DATA

- High compressive strength: 210 MPa
- Flexural modulus (37°C): 2200 MPa
- Flexural strength for 10 min: 50 MPa

REFERENCES

| | |
|---|----------|
| DentoCrown Cartridge A3 | |
| Cartridge of 50 ml (76g) + 10 mixing tips | DWN50-A3 |
| DentoCrown Cartridge A2 | |
| Cartridge of 50 ml (76g) + 10 mixing tips | DWN50-A2 |
| Mixing tips for cartridge syringes | |
| 10 mixing tips | DWNE-10 |
| DentoCrown Automix A3 | |
| Automix syringe of 5ml + 10 mixing tips | DWNAX-A3 |
| DentoCrown Automix A2 | |
| Automix syringe of 5ml + 10 mixing tips | DWNAX-A2 |
| Mixing tips for automix syringes | |
| 20 mixing tips | DTEM-20 |

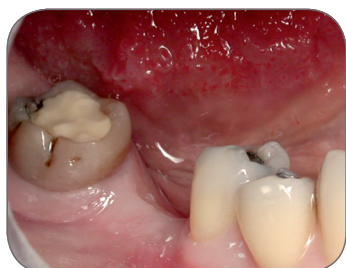
Advantages

- **Excellent compressive and flexural strength**
Temporary crowns and bridges extremely resistant
- **Low polymerization shrinkage**
Better marginal adaptation
- **Low exothermic polymerization reaction**
Increased patient comfort
- **Easy retrieval from the impression**
Thanks to a rubbery phase
- **Aesthetic result**
High stability of colour and fluorescence
Natural shine
- **Easy polish and finish**
Perfect appearance under any lights
- **Standard dispenser gun**
No extra costs
- **Can be used on vital teeth**

Clinical Excellence

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CLINICAL PRODUCTS

Clinical procedure



① Pre-operative view. A bridge should be made to replace the 46



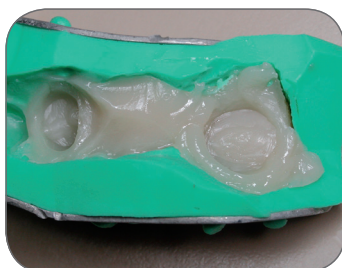
② A "commercial tooth" is adjusted to fill the space



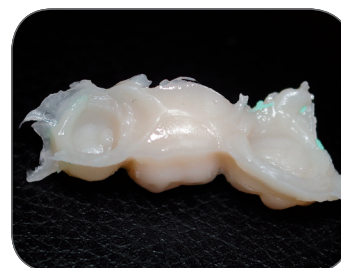
③ An impression is taken



④ DentoCrown is injected in the impression and the impression is replaced on the preparation



⑤ The impression is retrieved from the mouth after 1min30, during the pre-polymerization phase of the DentoCrown



⑥ After 2-3min, retrieval of the bridge from the impression and excess removal



⑦ Finish and polish start 4min after the initial mix



⑧ After polishing, the bridge is tried. It is then temporarily cemented (DentoTemp)

Crown forms



Central incisor



Upper lateral incisor



Canine



Lower lateral incisor



Pre molar



Molar

REFERENCES

Kit 32 Crowns

10 upper incisors + 4 upper lateral incisors
+ 6 canines + 4 premolars + 4 molars
+ 4 lower lateral incisors

KMOU32

Refills of 5 Crowns

| | |
|--|-----------|
| Right upper central incisors - width 7,5 mm | RM-ICR75 |
| Right upper central incisors - width 8,5 mm | RM-ICR85 |
| Right upper central incisors - width 9,5 mm | RM-ICR95 |
| Right upper central incisors - width 10,5 mm | RM-ICR105 |
| Left upper central incisors - width 7,5 mm | RM-ICL75 |
| Left upper central incisors - width 8,5 mm | RM-ICL85 |
| Left upper central incisors - width 9,5 mm | RM-ICL95 |
| Left upper central incisors - width 10,5 mm | RM-ICL105 |
| Right upper lateral incisors - width 6 mm | RM-ILR60 |

| | |
|--|-----------|
| Left upper lateral incisors - width 6 mm | RM-ILL60 |
| Right lower lateral incisors - width 13 mm | RM-ILR130 |
| Left lower lateral incisors - width 13 mm | RM-ILL130 |
| Right canines - width 8,5 mm | RM-CR85 |
| Right canines - width 9,5 mm | RM-CR95 |
| Left canines - width 8,5 mm | RM-CL85 |
| Left canines - width 9,5 mm | RM-CL95 |
| Right premolars - width 7,5 mm | RM-PR75 |
| Left premolars - width 7,5 mm | RM-PL75 |
| Right molars - width 9 mm | RM-MR75 |
| Right molars - width 10 mm | RM-MR95 |
| Left molars - width 9 mm | RM-ML75 |
| Left molars - width 10 mm | RM-ML95 |

Advantages

- **Flexible**
Easy to use
- **High gingival adaptation**
Protects periodontium
- **Anatomical shape**
- **Immediate bite setting**
- **Can be used with composites, resins and cements**