

Protemp™ Crown Temporization Material

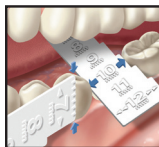
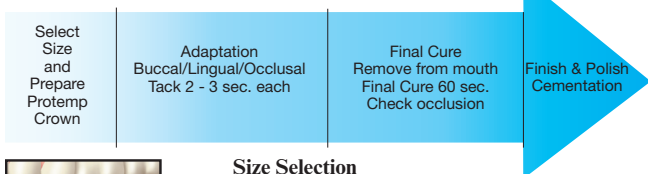


Indication

- Temporary Restoration

Tooth Preparation

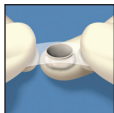
- Prepare tooth using conventional techniques.



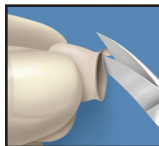
1



2a



2b



3

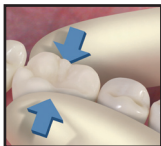
Size Selection

- Determine the approximate mesial-distal width and temporary crown height using the 3M ESPE Crown Size Tool. **The 3M ESPE Crown Size Tool is designed for single use.**
- On the occlusal surface, slide measuring tool between abutment teeth, the wedging point establishes the approximate mesial-distal width
- Use the Size Selection Chart on page 4 to select the appropriate size crown
- Measure carefully, Protemp Crown is light sensitive and once removed from the sealed crown case it cannot be used at a later date.

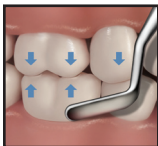
Protemp Crown Preparation

- Remove crown from sealed crown case (2a)
- Hold film between thumb and finger (2b)
- Carefully remove film from Protemp Crown
- Measure the height of the adjacent teeth as a guide to the amount of excess to be trimmed off the Protemp Crown
- Follow the gingival contour when trimming excess material from Protemp Crown

Protemp™ Crown Temporization Material



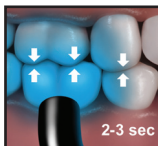
4



5



6



7

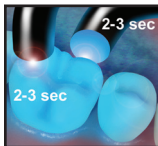


8

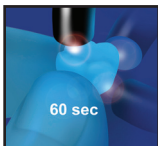
Adaptation

- Place Protemp Crown onto the prepared tooth
- Adapt, shape and establish interproximal contacts for a snug fit onto the moist preparation
- Gently close to adapt buccal surface and establish occlusion
- Adapt buccal margin
- Adjust occlusion
- While patient is in occlusion check buccal margin
- Tack cure buccal surface 2-3 seconds
DO NOT OVER TACK CURE!
- Open mouth for adaptation of lingual surface
- Apply finger pressure to buccal surface to prevent dislodging of temporary crown
- Adapt lingual margin

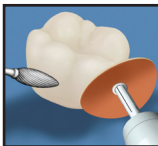
Protemp™ Crown Temporization Material



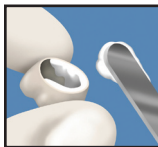
9



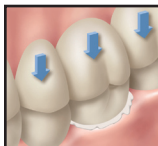
10



11



12



13

- Tack cure lingual surface 2-3 seconds
- Tack cure occlusal surface 2-3 seconds

Final Cure

- Gently remove Protemp Crown from the preparation
- Light cure outside of the mouth for 60 seconds (fully cure by exposing all surfaces to the light)
- Trial fit cured crown and adjust occlusion, trim margin and contour if necessary

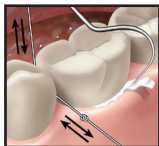
Finish & Polish

- Finish using a fine carbide bur and/or 3M ESPE Sof-Lex™
- Polish Protemp Crown using a dry muslin rag wheel or polishing brush

Temporary Cementation

- Isolate the teeth
- Prepare temporary cement
- Apply cement to the internal surface of the Protemp Crown
- Slowly seat the crown
- Gently close into occlusion

Protemp™ Crown Temporization Material



- Remove excess cement
- Floss interproximal areas
- Check Sulcus

14

Size Selection Chart

Crown Name	Approximate Range Mesial Distal Width *
CUSPID (Canine) Universal	
Cuspid (Canine) Universal S	6-8mm
Cuspid (Canine) Universal L	8-9 mm
BICUSPID (Premolar) Upper	
Bicuspid (Premolar) Upper S	6-7 mm
Bicuspid (Premolar) Upper L	7-8 mm
MOLAR (1st & 2nd) Upper	
Molar Upper S	9-11 mm
Molar Upper L	11-12 mm
MOLAR (1st & 2nd) Lower	
Molar Lower S	9-11 mm
Molar Lower L	11-12 mm
BICUSPID (Premolar) Lower	
Bicuspid (Premolar) Lower	6-9 mm

3M ESPE

Dental Products, St. Paul, MN 55144-1000

3M ESPE Customer Care: 1-800-634-2249 • www.3MESPE.com

3M, ESPE, Protemp™ Crown and Sof-Lex™ are trademarks of 3M or 3M ESPE AG.

© 3M 2008. All rights reserved.



44-0007-4657-6 4 of 4