

# Splint - Instructions of Use

## Surface Retained or Intracoronal\* Splint

\* The procedure for the intra-corrional splint is the same as for the surface retained splint except for the preparation of a groove on the teeth to be splinted. The width of the groove must be sufficient for placing the Dentapreg® strip. Keep in mind that the width of the Dentapreg® SFM strip is 2 mm.



1) Measure the required length of the splint by using dental wax, wedjets, dental floss etc.



2) Polish the surface of the teeth, using non-fluoridated prophylactic paste.



3) Ensure a dry working area using cotton rolls or preferentially a rubber dam.



4) Isolate interproximal spaces (wedjets, wooden or plastic wedges).



or



5) Slightly prepare the tooth surface with a diamond bur. For short term splints (i.e. trauma splints) the preparation of the surface with a diamond bur is not necessary.



6) Apply an ortho-phosphoric etching gel on the tooth surfaces and inter proximal spaces in the splinted area according to the manufacturer's instructions.



7) Rinse thoroughly and dry.



8) Apply a thin layer of an adhesive system on the etched surface of the teeth.



9) Light cure the adhesive according to the manufacturer's instructions.



10) Cover the bonding area with a thin layer (approx. 0,5 mm) of flowable composite. **DO NOT CURE!**



11) Remove the strip from the blister and cut it with regular scissors to the required length. Remove the protective foil and paper. Do not touch the unprotected strip with bare hands. The use of powder-free latex gloves is recommended. Return the remaining part of the strip to the blister and place the blister in the supplied light save box. Store in a dark place, preferentially in a refrigerator. You can store it for up to 2 weeks without deteriorating the properties of the strip significantly.



12) Place the strip in the flowable composite.



13) Adapt the strip to the tooth surface.



14) Light cure the strip for 40 seconds per tooth.



15) Cover the entire surface of the splint with a layer of flowable composite.



16) Light cure the flowable composite according to the manufacturer's instructions.



17) Remove any excess flowable composite.



18) Finish the splint surface by polishing.



19) Finished splint.

### Important notes

- The splint should not interfere with occlusal contacts.
- Spot fixation of the splint with flowable composite does not provide a sufficient bond between the splint and tooth surface. Bond the Dentapreg® strip to the teeth for its entire length.