

PINPost - Instructions of Use



1) Remove the gutta-percha filling from the pulp chamber using a suitable size ex. NiTi file. All of the endodontic filling material must be removed from the length of the preparation except at least 0.5 mm of gutta-percha at the apex of the root. Rinse the canal with water, and dry carefully with paper points. The working area should be isolated from moisture as much as possible. Use of a rubber dam is highly recommended.



2) Measure the depth of the prepared canal, using an endodontic instrument or a periodontal probe, keeping in mind the height of the coronal structure. This option requires an extra step but saves on the amount of material used. It is also possible to use the entire pin without measuring the depth of the canal, this option is faster but requires more material.



3) Use a standard adhesive procedure (etching, bonding, etc.). If you do not want to make a standard adhesive procedure, use a dual cure self-adhesive resin cement in the next step.

4) Fill the pulp chamber with dual curing resin cement or a dual cure self-adhesive resin cement depending on the adhesive procedure used.



5) If a measurement of the canal was taken, remove the PINPost from the storage bottle and cut it with sharp scissors to the required length. You can use the rest of the PINPost if it has a sufficient length. If no measurement was taken, you should use the whole pin.



6) Apply a thin layer of resin cement onto the PINPost surface and insert it into the canal.



7) Insert it into the canal.



8) Repeat steps 5 and 6 as necessary (4-6 pins per canal depending on its width).



9) Clean the overflowing cement in the flaring area.



10) Light cure it according to the manufacturer's instructions.



11) Apply an adhesive system on the top of the pins.



12) Light cure it according to the manufacturer's instructions.



13) If the pins are too long you can shorten them using a diamond bur.



14) Construct the crown using preferred method and composite.



15) Final crown made by using Dentapreg® PINPost.