

Endodontic fiber post TECH



Instruction for use

The TECH line's endodontic post, with over 5 million posts still operating, are the most reliable and appreciated products on the market.

Available packaging:

Blister with 10 posts available in 5 diameters (mm 0,8; 1,0; 1,2; 1,4; 1,6), 20 mm long.

Fiber reinforced composite post for metalfree coronaradicular reconstructions.

Composition

Tech2000 Xop composite posts are made of strong carbon fibers embedded in a shock-absorbing epoxy resin matrix. **Tech2000 Xop** posts are factory-silanated and offer improved chemical adhesion with the core composites and resin cements commonly used in today's adhesive, non-invasive dentistry. The result is a resistant dentine-like reconstruction.

Tech21 Xop are white, radiopaque, made of strong silica-zircon fibers embedded in a shock-absorbing esthetic epoxy resin matrix. **Tech21 Xop** are factory silanated and offer great chemical adhesion with the core composites and resin cements used today in today's adhesive, non invasive restorative dentistry. The result is a resistant dentine-like esthetic reconstruction.

FOTOTECH are white radiopaque posts, made of strong vetrilified-zirconia fibers embedded in a translucent white shock-absorbing epoxy matrix.

IMPORTANT:

The lowest possible X-ray intensity and time exposure must be used. Too much exposure can make the post non-visible.

The contra-indications for using a post are:

- If there are no remaining coronal walls, or if the remaining walls are less than 2mm in height, then a cast core is more indicated if the prosthetic abutment can rest on dentin.
- If part of the remaining crown is under the gingiva and cannot be covered by the prosthetic crown, then the junction between the composite and the root will be in gingiva fluids and cannot be trusted; a cast core is more indicated in this case.

For best results, carefully read and follow the instruction for use of the chosen products.

Clinical procedures

1 - Prepare the crown:

- a. Undercut the crown outer walls.
- b. Eliminate weaker residual walls, clean up the cavity preserving all healthy dentin: **overcuts do not need to be eliminated.**
- c. Prepare the core form boxing, fit it to the collar and in height.

2 - Prepare canal and post:

- a. Prepare the root canal according to your usual procedure (Gates, Largos).
- b. Complete with the matching finishing drill of the selected post: **the post is chosen according to the canal's, not to the root's diameter.**
- c. Try on the post, cut it at the fitting length, outside of mouth, with a diamond disk.

Eliminate residual endodontic eugenol with an etching agent, clean the post with alcohol, clean, rinse and dry both tooth and canal.

3 - Seal the post: Carefully read the specific instructions for use of the chosen bonding primer and composite cement:

- a. Prepare the bonding primer, apply to the post, root canal and coronar cavity walls.
- b. Prepare the composite bonding cement, coat the post.
- c. Insert the post into the canal. When using more than one post for the same tooth, insert one post after another.

4 - Core build up:

- a. Fit the core form boxing system.
- b. Coat both the post upper part and the coronar cavity walls with the remaining cement.
- c. Fill up with the chosen core composite while pressing and light cure.

Reconstruction is now completed.

Preparation can be done immediately.

One chairside session of less than 15 minutes.

Realizzazione delle Istruzioni d'uso: 05/2021, Rev. 00

Distribuito da:
ISASAN S.r.l. - via Bellini, 17 - 22070 Rovello Porro (CO)
Tel 02 96754179
www.isasan.com - info@isasan.com

 **Overfibers S.r.l.** - Via Malatesta, 7 - 40026 Imola (BO)



BLISTER
Raccolta
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ASTUCCIO e IFU
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PAP

VERIFICA LE DISPOSIZIONI
DEL TUO COMUNE.