

Instructions for BIOLIGHT DUAL® kit**Description of BIOLIGHT DUAL® glass fiber posts**

BIOLIGHT DUAL® is a radiopaque, light-conducting endodontic post that is reinforced with glass fibers. It features a retentive double taper shape. The use of the bonding technique creates a solid and durable link between the post, the core build-up material and the tooth.

Composition

BIOLIGHT DUAL® is a radiopaque endodontic post made mostly of glass fibers. The polymer matrix contains aliphatic dimethacrylates and mineral charges.

Indications for use

BIOLIGHT DUAL®:
Dental “post and core” restorations.

Contraindications

BIOLIGHT DUAL®:
Allergy to methacrylates.

Side effects

BIOLIGHT DUAL®:
Given the actual state of knowledge, there are no side effects.

Precautions

- BIOLIGHT DUAL®*:
- Before using the reamers ensure that applicable Provincial Health and Safety regulations have been followed
 - The reamers must be sterilized
 - The post must be disinfected, only with alcohol, before insertion into the canal
 - Avoid handling the post directly with your fingers (use glove protection)
 - Cutting post to length must be done outside of the mouth
 - We recommend the use of eye protection, mask, gloves, suction as well as irrigation during cutting or extraction
 - In case of irritation, discomfort can be treated by applying water and a soft soap (mechanical action)

Direct technique using glass fiber BIOLIGHT DUAL®

1. Remove gutta percha, leaving a 5mm apical plug.

2. Initiate canal preparation by using a #2 Peeso reamer.

Note: *For teeth with multiple canals, additional posts may be required.*

3. Prepare the canal with BIOLIGHT DUAL® reamers. Starting with the smallest reamer, increase reamer diameter until canal preparation is completed. (The reamers must be sterilized)

4. Try in the BIOLIGHT DUAL® corresponding to the diameter of the last reamer used in the canal. Adjust the length of the post (out of the mouth) by cutting the post with a diamond disk, under irrigation.

Note: *Do not use carbon-based disks or burs to cut the post.*

5. Etch enamel and/or dentin with 37% phosphoric acid for 15 to 20 seconds. Rinse thoroughly. Remove excess water with a paper point. Do not dry dentin out with air. Make sure to follow the instructions provided by the manufacturer of your bonding system.

6. Apply your primer/adhesive in the canal and adjacent tooth surface with a paper point, removing the excess with a dry paper point.*

Note: *We do not recommend the use of self-etching primer/adhesives; some acids may prevent the total curing of some resin cements.*

7. Clean the post thoroughly by wiping it with alcohol.

8. Apply bonding agent on the BIOLIGHT DUAL® following the instructions for the bonding agent. Make sure the surface of the post remains clean.*

9. Prepare your resin cement.

Note: *We recommend the use of resin cements or ionomer glass cements using a modified resin. Use self-cure or dual-cure cements only (do not use light-cure only resins).*

10. Apply cement in the canal using a lentulo or a Centrix® syringe using an AccuDose® needle tip. Insert the post in the canal. Maintain a light finger pressure for 1 minute or light-cure the resin through the post.

11. Complete the coronal restoration with your core build-up material and finish tooth preparation with diamond burs.

*This step may be eliminated when using self-adhesive resin cements, such as Breeze®

Instructions for BIOLIGHT ST® kit**Description of BIOLIGHT ST® glass fiber posts**

BIOLIGHT ST® is a radiopaque, light-conducting endodontic post that is reinforced with glass fibers. It features a single taper Mooser shape. The use of the bonding technique creates a solid and durable link between the post, the core build-up material and the tooth.

Composition

BIOLIGHT ST® is a radiopaque endodontic post made mostly of glass fibers. The polymer matrix contains aliphatic dimethacrylates and mineral charges.

Indications for use

BIOLIGHT ST®:
Dental “post and core” restorations.

Contraindications

BIOLIGHT ST®:
Allergy to methacrylates.

Side effects

BIOLIGHT ST®:
Given the actual state of knowledge, there are no side effects.

Precautions

- BIOLIGHT ST®*:
- Before using the reamers ensure that applicable Provincial Health and Safety regulations have been followed
 - The reamers must be sterilized.
 - The post must be disinfected, only with alcohol, before insertion into the canal
 - Avoid handling the post directly with your fingers (use glove protection)
 - Cutting post to length must be done outside of the mouth
 - We recommend the use of eye protection, mask, gloves, suction as well as irrigation during cutting or extraction
 - In case of irritation, discomfort can be treated by applying water and a soft soap (mechanical action)

Direct technique using glass fiber BIOLIGHT ST®

1. Remove gutta percha, leaving a 5mm apical plug.

2. Initiate canal preparation by using a #2 Peeso reamer.

Note: *For teeth with multiple canals, additional posts may be required.*

3. Prepare the canal with BIOLIGHT ST® reamers. Starting with the smallest reamer, increase reamer diameter until canal preparation is completed. (The reamers must be sterilized)

4. Try in the BIOLIGHT ST® corresponding to the diameter of the last reamer used in the canal. Adjust the length of the post (out of the mouth) by cutting the post with a diamond disk, under irrigation.

Note: *Do not use carbon-based disks or burs to cut the post.*

5. Etch enamel and/or dentin with 37% phosphoric acid for 15 to 20 seconds. Rinse thoroughly. Remove excess water with a paper point. Do not dry dentin out with air. Make sure to follow the instructions provided by the manufacturer of your bonding system.

6. Apply your primer/adhesive in the canal and adjacent tooth surface with a paper point, removing the excess with a dry paper point.*

Note: *We do not recommend the use of self-etching primer/adhesives; some acids may prevent the total curing of some resin cements.*

7. Clean the post thoroughly by wiping it with alcohol.

8. Apply bonding agent on the BIOLIGHT ST® following the instructions for the bonding agent. Make sure the surface of the post remains clean.*

9. Prepare your resin cement.

Note: *We recommend the use of resin cements or ionomer glass cements using a modified resin. Use self-cure or dual-cure cements only (do not use light-cure only resins).*

10. Apply cement in the canal using a lentulo or a Centrix® syringe using an AccuDose® needle tip. Insert the post in the canal. Maintain a light finger pressure for 1 minute or light-cure the resin through the post.

11. Complete the coronal restoration with your core build-up material and finish tooth preparation with diamond burs.

*This step may be eliminated when using self-adhesive resin cements, such as Breeze®