

Instructions For Use


EndoSequence[®]


BC Liner™


Contraindications:

- Do not use EndoSequence BC Liner in patients with a known allergy to any of the product's ingredients. An allergic reaction may require re-treatment.
- Not indicated for direct placement on exposed pulpal tissue, or permanent coronal restoration.


Precautions:


 Do not use after the expiration date


 Consult accompanying Safety Data Sheet (SDS)

 Do not re-use the disposable BC Liner Tips

- Wear surgical gloves and eye protection during use.
- Do not exceed manufacturer's recommended curing time for your curing light.
- Prior to applying the automix tip, bleed out a pea size amount of material from each side of the syringe to ensure a homogeneous mix.
- A few seconds prior to clinical placement, bleed out a pea size amount of the material from the automix tip to ensure a homogeneous mix.
- **Cleaning:**
 - a. Disinfect the exterior surfaces of the syringe and syringe cap (once it is tightly sealed onto the syringe) prior to storage to reduce the risk of cross-contamination.
 - b. The syringe should be mantled with a hygienic single use barrier sleeve for infection control for direct intra-oral use


 Keep Dry


 Store at cool temperature in the tightly sealed original container

 Avoid direct light

- Re-cap immediately after use. Avoid any cross-contamination between the base and catalyst.

Warnings:

 Irritant. Any uncured material may cause eye or skin irritation upon contact

 Do not use if package is damaged

Product Description:

EndoSequence BC Liner is Brasseler's latest innovation in the line of revolutionary EndoSequence Materials. Unlike BC Sealer and BC RRM (Root Repair Material), BC Liner is dual cure and is designed to bridge the gap between pure calcium silicate based bioceramics and more user-friendly, light-curable bioactive restorative materials. EndoSequence BC Liner is a first-generation bioactive hybrid resin optimized for use as a base/liner material over the top of BC Sealer and/or BC ROOM. This versatile and durable material chemically bonds to dentin without the need for a bonding agent. The unique moisture-friendly chemistry seals teeth against micro-leakage and continuously releases and recharges calcium, phosphate and fluoride ions for a lasting benefit. Unlike other RMGIC's, EndoSequence BC Liner does not contain Bisphenol A, Bis-GMA or BPA derivatives.

Indications For Use:

Recommended as a bioactive liner covering

bioceramics cements that have been used for pulpal or root defect repairs in adult or pediatric teeth. It is also indicated as a liner or base over the access opening(s) in primary and permanent dentition covering any of the standard dressings, spacers, or obturation materials.

Setting Time:

Light cure setting time is 20 seconds (see instructions for use). Initial self-cure setting time at 37C is 2 ½-3 minutes.

Prepare The Automix Syringe:

1. Prior to placing the mixing tip* on the double barrel syringe, bleed a small amount of the base and catalyst out of the syringe to make sure they flow equally and are lined up at the syringe tip ready to be expressed through the syringe. Place the mixing tip onto the syringe.
2. Dry the canal as you normally would using paper points.
3. Dispense the mixed material directly from the mixing tip into the access preparation or over the bioceramic material depending on intended use (liner or base).
4. After use, discard the mixing tip and recap the syringe. Avoid any cross-contamination between the base and catalyst.

* Two mixing tips are available (short and long). The short tip will produce less material waste but may cause more voids in the mix. The long tip will have a more homogenous mix and fewer voids but will inevitably have more material waste. We recommend using the short tips for thin liner applications and using the long tip for larger base applications.

PRIOR TO PLACING THE MATERIAL, BE SURE THAT DENTIN IS SLIGHTLY MOIST AND THE SURFACE IS NOT DESICCATED. You can use cotton pellets or high volume evaluation. If using direct air, use short bursts. Avoid desiccation of dentin..

Instructions For Use:

Liner/Base after root perforation repair, pulpotomy or direct pulp capping with a bioceramic root repair material














1. Set curing light to 20-second low intensity setting.
2. Following repair of the root perforation, pulpotomy or pulpal exposure with a bioceramic material like EndoSequence RRM Paste/Putty (or equivalent), remove any bioceramic flash around the site and provide a 2-3mm ring of clean dentin surrounding the repair site. Gently dry but do not desiccate the dentin.
3. Apply the BC Liner over the RRM material covering the material entirely while extending 2-3mm beyond its perimeter over the surrounding dentin. Note: If repairing a lateral or furcation perforation place a clean file or gutta percha point in any patent root canals to avoid the BC Liner accidentally entering / blocking the canal(s).
4. Allow the material to self-cure for 20-30 seconds before light curing for 20-seconds with the low intensity light setting on your curing light. The initial self-cure setting time is 3min.
5. Restore the cavity/pulp chamber with your material of choice. For large repairs consider using EndoSequence Core Buildup Material +. See EndoSequence Core Buildup + IFUs.

Liner/Base after obturation with a bioceramics root canal sealer


1. Complete root canal therapy and completely obturate

the root canals using BC Sealer or another bioceramic sealer.

2. Create a coronal seal on top of the root canal orifices by placing at least 2 mm of BC Liner over the floor of the entire pulp chamber.
3. Allow the material to self-cure for 20-30 seconds before light curing for 20-seconds with the low intensity light setting on your curing light. The initial self-cure setting time is 3min.
4. Restore the cavity/pulp chamber with your material of choice. For large repairs consider using EndoSequence Core Buildup Material +. See EndoSequence Core Buildup + IFUs.

SYMBOL	MEANING (STANDARD, IF APPLICABLE)
	Manufacturer/Legal Manufacturer (ISO 15223-1)
	Catalogue Number (ISO 15223-1)
	Batch Code (ISO 15223-1)
	Quantity (N/A)
	Use-by date (ISO 15223-1)
	Do not re-use (ISO 15223-1)
	Do not use if package is damaged (ISO 15223-1)
	Consult instructions for use (ISO 15223-1)
	Caution (ISO 15223-1)
	Keep Dry (ISO 15223-1)
	Temperature limit (Max - Min) (ISO 15223-1)
	Avoid Direct Light (ISO 15223-1)
	Irritant (GHS)

 **BRASSLER**
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IFU-0032 REV A
EDCO 19.0029