

BrackFix®

FLUORESCENT BRACKET BONDING SYSTEM

BrackFix®

SECURE AND EASY PLACEMENT

With BrackFix, VOCO offers an innovative solution to the challenge of residual bracket adhesive removal within orthodontics. In addition to meeting, and exceeding, the requirements of a bracket bonding system, i.e., secure adhesion of the bracket to enamel, optimal viscosity for ease of application, the ability to be exposed to loads immediately after polymerization and more – the BrackFix bonding system fluoresces, making it simple, efficient and safe to remove residual bracket adhesive after removing the brackets without the concern of inadvertently removing healthy tooth structure.

BrackFix is a light-curing bracket bonding system that can be used to bond both metal and ceramic brackets securely and permanently. While the bond created by BrackFix between bracket and tooth is so strong that it can withstand immediate loads and everyday forces, it is formulated for safe and easy removal. BrackFix consists of an adhesive and a primer, which is available in an etch-and-rinse version as well as a self-etch version.

The choice is yours

You can choose between two primers for the pretreatment of tooth surfaces prior to placement of the brackets.

- **BrackFix Primer**

BrackFix Primer comes in a laminated bottle and should be applied using the etch-and-rinse technique, i.e., the tooth surface to be bonded must be etched with phosphoric acid in advance.

- **BrackFix Primer SE**

If you prefer not to etch the tooth surface before placing the brackets, VOCO also offers BrackFix Primer SE, a self-etch version in a practical *SingleDose*.

Handling

The adhesive component of the system is supplied in a syringe, allowing you to apply the optimal quantity of adhesive to the bracket. The viscosity is designed to allow secure and precise placement of the brackets on the tooth and ensure they stay in position. Its viscosity also prevents the adhesive from running down the tooth before it is light-cured, providing an accurate and stress-free application.

Light-curing

BrackFix functions as a light-cured bracket bonding system, which places control over the pace of the procedure in your hands. Brackets can be precisely placed at one time in the initial step across the entire dental arch and ligation of the archwire can commence immediately after light-curing is complete.



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FLUORESCENCE ALLOWS FOR CALCULATED AND SIMPLIFIED REMOVAL

Fluorescent

The adhesive contains a dye that fluoresces blue when exposed to UVA light (365 nm +/- 5 nm). This makes it easy to see and safe to remove any residual BrackFix once the brackets themselves have been removed. This also allows you to ensure all adhesive residue has been removed, which is essential for minimizing tooth discoloration and the formation of caries.



Clinical case



Tooth cleaning



Etching of enamel surface



Application of BrackFix Primer



Simple application of BrackFix Adhesive to bracket



Simple and secure positioning on the tooth



Tooth 8 (upper right central incisor) prior to polymerization and removal of excess adhesive



Under UVA light (for demonstration purposes)



Illumination with UVA light following removal of brackets



Controlled removal of BrackFix residue



Final result following removal of brackets and adhesive residue



Final check with UVA light: No adhesive residue remains

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Indications

Direct bonding of orthodontic metal and ceramic brackets

Advantages

- Optimal adhesive consistency provides stable positioning of the bracket on the tooth surface
- Fluorescent Technology reveals adhesive residue under UV light after bracket removal for easy identification
- Enables an easier, quicker and more precise residue removal step
- Light-cured to give practitioner greater control over the required working time
- Can be exposed to loads (chewing forces) immediately after polymerization



Presentation

- | | |
|----------|---|
| REF 1205 | Set adhesive syringe 2 x 4 g,
Primer bottle 6 ml, accessories |
| REF 1206 | Set SE adhesive syringe 2 x 4 g,
Primer SE SingleDose 40 pcs., accessories |
| REF 1207 | Adhesive syringe 2 x 4 g |
| REF 1208 | Primer bottle 6 ml |
| REF 1209 | Primer SE SingleDose 50 pcs., accessories |
| REF 2247 | Single Tip, application brushes, 100 pcs. |
| REF 2315 | Mixing palettes, 20 pcs. |

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