

BrackFix®

FLUORESCENT BRACKET BONDING SYSTEM

SAFE AND SECURE PLACEMENT

The safe and secure bonding of brackets is a central element of orthodontics. The wide range of materials available on the market offer positive physical properties in addition to simple handling and simple application when it comes to placing the brackets. However, alongside these properties, it is also essential to remove all residues of the adhesive from the surface of the teeth when the brackets are subsequently debonded. In BrackFix, VOCO has now developed a fluorescent bracket bonding system which not only combines the properties mentioned above but also fluoresces, making it easy to remove adhesive residues efficiently after debonding the brackets.

BrackFix is a light-curing bracket bonding system which can be used to bond both metal and ceramic brackets securely and permanently. The bond between bracket and tooth is so strong that it can withstand everyday forces, on the one hand, while the brackets can be removed easily and safely, on the other hand. BrackFix comprises an adhesive and a primer, which is available in an etch-and-rinse version and also 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, we also offer 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.

It also prevents undesirable running of the adhesive before the subsequent light-curing. This allows accurate and stress-free working.

Light-curing

BrackFix is a light-curing bracket bonding system. In an initial step, you can place the brackets precisely across the entire dental arch. You determine the start of curing with the subsequent light polymerisation. Another advantage of light polymerisation is that you can start ligating the archwire immediately after curing.



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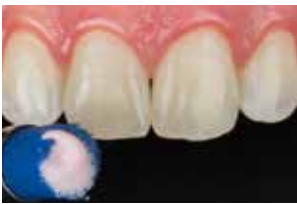





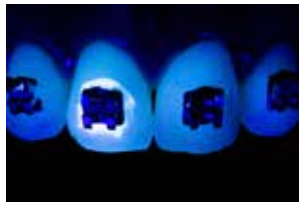




FLUORESCENCE ALLOWS CONTROLLED REMOVAL

Fluorescent

The adhesive contains a dye which fluoresces blue when exposed to UVA light (365 nm +/- 5 nm). This makes it easy to see and safely remove any residual BrackFix once the brackets have been debonded. This enables you to ensure that all adhesive residue has been removed, which is essential for minimising tooth discolouration and 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 11 (upper right central incisor) prior to polymerisation and removal of excess adhesive	Under UVA light (for demonstration purposes)	
			
Illumination with UVA light following removal of brackets	Controlled removal of BrackFix residues	Final result following removal of brackets and adhesive residue	Final check with UVA light: No adhesive residues remain

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Indications

Direct bonding of orthodontic metal and ceramic brackets

Advantages

- Optimal consistency of the adhesive: stable positioning of the bracket on the surface of the tooth
- Provides secure adhesion for metal and ceramic brackets
- Light-curing: long working time
- Can be exposed to loads immediately after polymerisation
- Fluorescent: allows for quick and gentle elimination of adhesive residues after bracket removal



Presentation

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

VOCO GmbH
Anton-Flettner-Straße 1-3
27472 Cuxhaven
Germany

Freecall: 00 800 44 444 555
Fax: +49 (0) 4721-719-140

info@voco.com
www.voco.dental

Available from: