

# Used Products

TOOTH - Root post - Fiber-reinforced composite - MultiCore Flow

☐ **MultiCore**

Core build-up in vital and non-vital teeth



☐ **OptraDam**

Anatomically shaped rubber dam for the absolute isolation of the working field



☐ **Total Etch**

Total Etch is an etching gel containing 37% phosphoric acid



☐ **Monobond Plus**

Monobond Plus is the universal primer for the conditioning of all types of restoration surfaces



☐ **Excite F DSC**

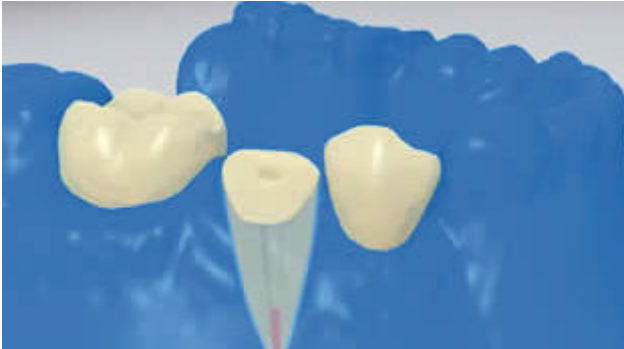
Excite F DSC – Dual cure Single Component – is a dual-cure, fluoride releasing adhesive which is used in combination with the total-etch technique



# Flowchart MultiCore Flow

TOOTH - Root post - Fiber-reinforced composite - MultiCore Flow

## 1 Preoperative situation



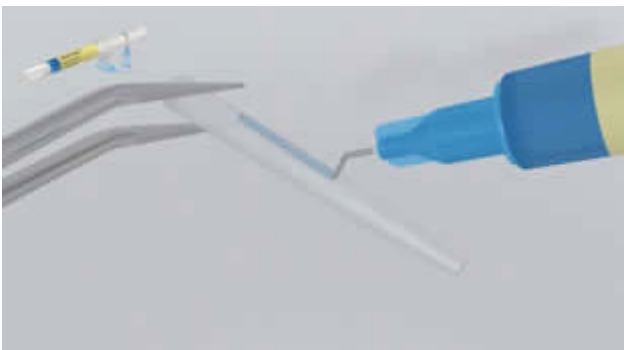
Relative isolation of the treatment field - preferably with **OptraDam** or alternatively with absorbent pads and a saliva ejector - is indispensable.

## 2 The root post is tried in

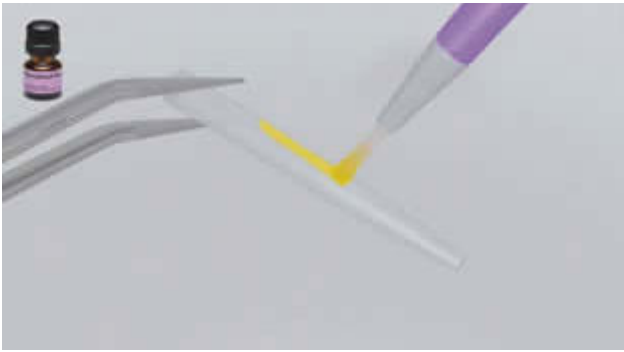


The root post is tried in. If prefabricated posts are used, the excess length is determined and the post is shortened extraorally by means of rotating diamond grinding instruments.

## 3 The root post is pretreated

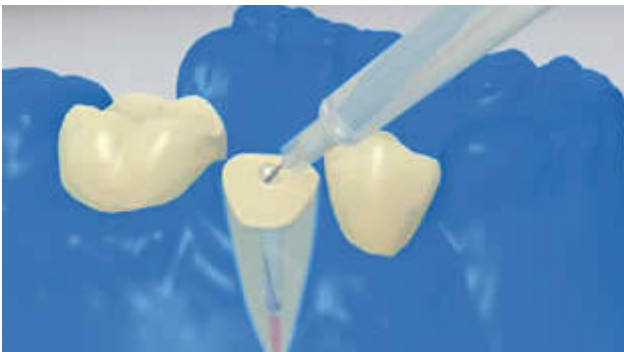


**FRC Postec Plus** is cleaned with phosphoric acid (e.g. **Total Etch**) after try-in. The etching gel is allowed to react for 60 sec. Then, it is thoroughly rinsed off with water and the post is dried. Other glass-fibre posts have to be conditioned acc. to the directions of the manufacturer.

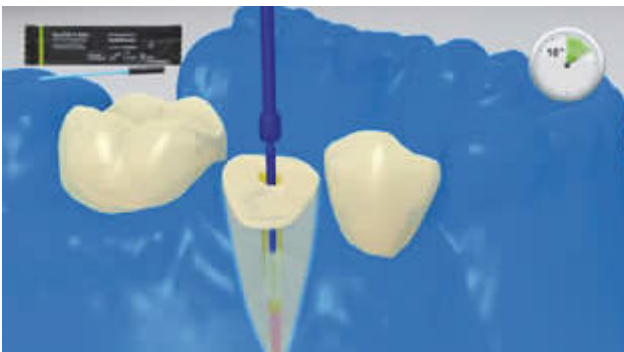


**Monobond Plus** is applied to the post with a brush or microbrush. It is allowed to react for 60 seconds. Subsequently, it is dispersed with a strong stream of air

#### 4 The conditioned root canal is pretreated and the adhesive is applied



Finally, the conditioned root canal is disinfected and dried with paper points.



After etching the root canal and the occlusal surface of the prepared tooth **Excite F DSC** (Small) is applied for about 10 seconds. Excess is removed from the canal with paper points.

#### 5 MultiCore Flow is applied



The root post prepared according to the instructions of the manufacturer is coated with mixed **MultiCore Flow**. Furthermore, MultiCore Flow can be placed directly in the root canal using Intra Canal Tips.

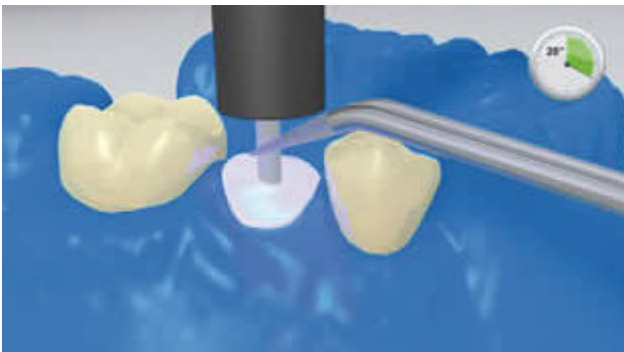
## 6 The root post is seated



The endodontic post is inserted, thus forcing out excess cement.

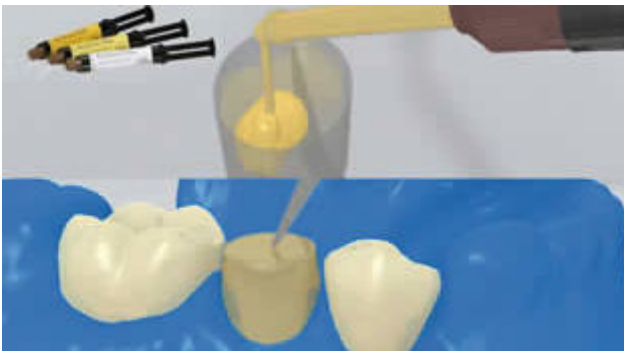
The cement can be distributed across the entire preparation surface for total coverage.

Next, **MultiCore Flow** is light-cured for 20 seconds.



During this time, the post is held in place with the polymerization light. Materials that are opaque, in other words, impervious to light, should be allowed to self-cure.

## 7 Core build-up



The core build-up material (e.g. **MultiCore Flow**) is filled in a core coping. Subsequently, a small amount of core build-up material is directly applied to the conditioned dentin. The core coping is placed on the prepared tooth



The core build-up material is cured according to the directions of the manufacturer.

8 Core build-up is prepared in accordance with a ferrule design



The core coping is removed and the the core build-up is prepared in accordance with a ferrule design.