

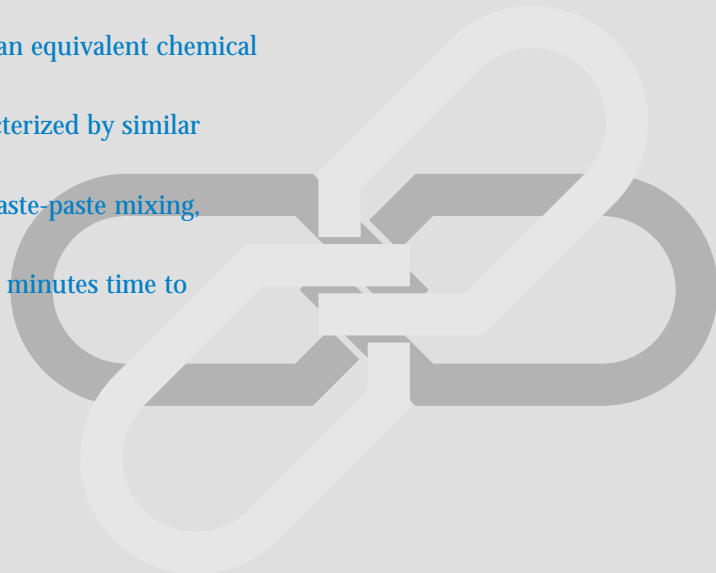
RELIABLE



CLEARFIL PHOTO CORE is a LC composite that is developed specifically as a core build-up material. After 40 seconds of light curing, the material is cured to a depth of 7 mm.

CLEARFIL™ PHOTO CORE

CLEARFIL CORE is an equivalent chemical curing composite characterized by similar properties which after paste-paste mixing, hardens enough in a 3,5 minutes time to allow preparation.



CLEARFIL PHOTO CORE
CLEARFIL LC
CLEARFIL

CLEARFIL PHOTO CORE

Solid core build-up

Due to the high filler content, CLEARFIL PHOTO CORE and CLEARFIL CORE provide considerable compressive, bending and tensile strength. Combined with the benefit of little polymerization shrinkage, these characteristics give rise to excellent physical and mechanical properties allowing solid core build-up.

High bonding to enamel and dentine

In case of vital teeth, CLEARFIL PHOTO CORE and CLEARFIL CORE may be used – in combination with bonding agent – to afford solid adhesion to dentine and enamel, thus eliminating the need for additional retentive posts and protecting the vitality and strength of the remaining tooth substance.

For non-vital teeth, a root canal post is cemented into the root canal using PANAVIA 21. PANAVIA 21 adheres well to dentine and enamel, and also provides high adhesion to metal. The excess amount of PANAVIA 21, left on the coronary part of the post, in turn, functions as a bonding agent for CLEARFIL PHOTO CORE or CLEARFIL CORE.

CLEARFIL PHOTO CORE

Compressive strength (MPa)	Bending strength (MPa)	Brinell hardness
334	152	67
Filler percentage (in weight)		83%

CLEARFIL CORE

Compressive strength (MPa)	Bending strength (MPa)	Brinell hardness
295	111	59

Easy processing

CLEARFIL PHOTO CORE and CLEARFIL CORE are easy to process. These materials do not stick to instruments and are therefore easily placed and condensable.

Easy preparation

After curing, CLEARFIL PHOTO CORE and CLEARFIL CORE are easy to prepare as if they were dentine. The contrasting shade effects that the outline of the structure remains clearly visible; besides, these materials are radio-opaque, which once more facilitates the tooth preparation and control.

Treatment in one session

Another considerable benefit of CLEARFIL PHOTO CORE and CLEARFIL CORE is the possible treatment in one single session. You can build-up the structure, prepare the crown and take the impression.



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