

Components

PANAVIA ETCHING AGENT V

Only for use on uncut enamel, for instance with cementing of adhesion bridges.



ED PRIMER

A mild conditioner for enamel and dentine. Enhances bond strength of PANAVIA 21 and accelerates polymerization. Consists of Liquid A and liquid B.



PANAVIA 21 Paste

A radio-opaque composite, consisting of catalyst and universal paste. It contains the adhesive monomer MDP, which provides long term bond strength.

Available in three shades:

- PANAVIA 21 TC: Transparent paste for the cementing of aesthetic restorations.
- PANAVIA 21 EX: A semi-transparent white paste.
- PANAVIA 21 OP: An opaque paste used for masking metal.



OXYGUARD II

For application to the margin. Easy to rinse off.

Contains a polymerization accelerator to promote setting.



PANAVIA 21

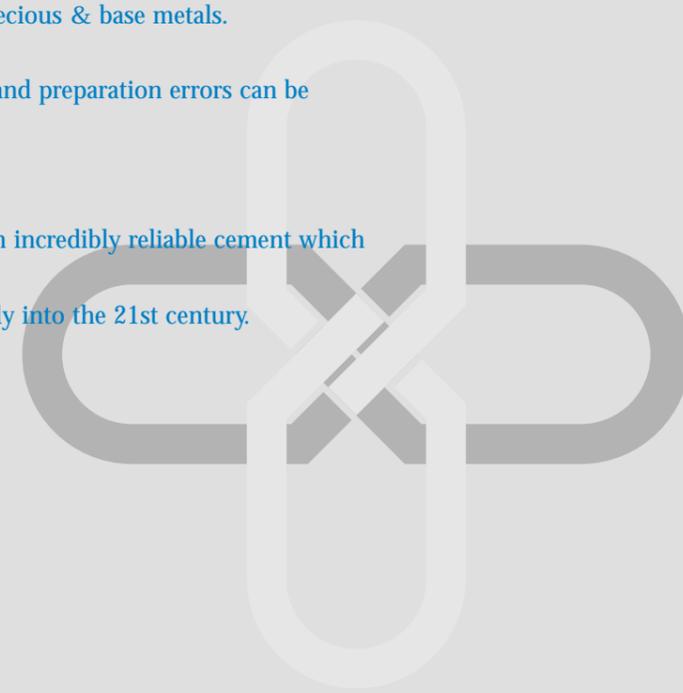
A cement meeting today's highest standards as well as those of the 21st century!



UNIVERSAL, SAFE AND SOLID

PANAVIA™21

Panavia 21 enjoys worldwide fame as an outstanding cement. The material bonds very good to enamel and dentine as well as to composite, porcelain and precious & base metals. It is easy to use and preparation errors can be eliminated. Panavia 21, an incredibly reliable cement which leads you securely into the 21st century.



PANAVIA 21

Extensive range of indications

PANAVIA 21 is specifically for the cementing of adhesion bridges, splints and conventional crown and bridge work, of metal, porcelain and composite, of preformed posts and cast post and core, and for bonded amalgam restorations.

PANAVIA 21 is suited to all of these purposes, offering valuable properties such as thin film thickness, excellent pulp compatibility, availability in several colors, and superior bond.

	TC (tooth color)	EX (standard white)	OP (opaque)
Anterior adhesion and splint	▲	●	■
Posterior adhesion bridge and splint	■	■	■
Metal inlay, onlay, crown and bridge	■	■	●
Silanated porcelain or cured composite inlay, onlay and crown	■	▲	▲
Preformed post/Cast post and core	■	■	■
Amalgam bonding	■	●	●

- First choice
- Adequate
- ▲ Not recommended

Enhanced bond strength

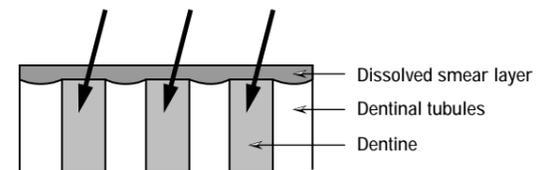
ED PRIMER improves the bonding to enamel, dentine, metal and composite. In addition, ED PRIMER also tightly seals the tubules and the intertubular dentine, so ensuring reliable use of the PANAVIA 21 system on vital teeth. Furthermore, ED PRIMER contains a polymerization accelerator reducing PANAVIA 21 setting time, so that it attains its highest bond strength more quickly.



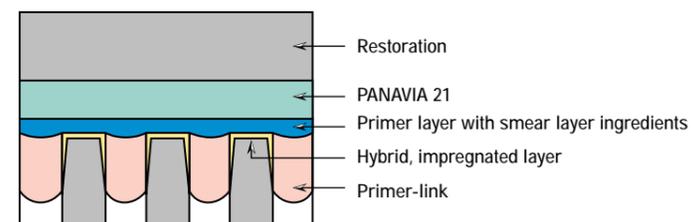
Application of ED PRIMER on enamel and dentine.

Function of ED PRIMER

ED PRIMER dissolves the smear layer and penetrates into the dentine



Adhesion of PANAVIA 21 to dentine



- 1 PANAVIA 21 paste: Catalyst and Universal paste
- 2 ED PRIMER Liquid A / Liquid B
- 3 OXYGUARD II
- 4 PANAVIA ETCHING AGENT V
- 5 Mixing pad
- 6 Mixing spatula
- 7 Mixing dish
- 8 Sponge pledget
- 9 Brush tips
- 10 Brush holder

No etching required

Pre-treatment of the enamel and the dentine involves application of ED PRIMER. Only unprepared enamel needs to be etched with PANAVIA ETCHING AGENT V before ED PRIMER application.

Anaerobic curing

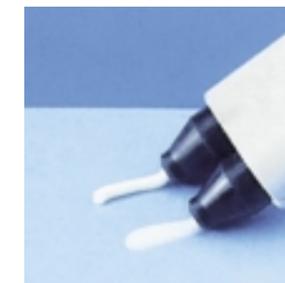
PANAVIA 21 cures under anaerobic conditions, a particularly favorable aspect for root canal post cementing. If intra-oral cementing is intended, PANAVIA 21 can be left to cure after covering the margins with OXYGUARD II. After the Panavia 21 setting time of 3 minutes, OXYGUARD II is rinsed off.

Superior peripheral sealing

PANAVIA 21 is a composite cement which has an extremely high filler content of barium glass particles, protecting PANAVIA 21 from abrasion near the margins and preventing the development of a marginal gap. A benefit that may also be attributed to the precisely tailored consistency of the material.

Easy processing

PANAVIA 21 is a paste-paste system. With a simple turning motion, the practical dispenser mixes both pastes at the correct ratio. After a mixing period of 20 to 30 seconds, a smooth paste is obtained: not too thick - which would adversely affect the placement of the restoration - and thin enough to achieve an optimal film thickness.



Dosage



Mixing for maximal 20 seconds



Ready for use

