

ESTENIA™ C&B

A resistant and durable polymer-based
crown and bridge material for
an exceptionally aesthetic result.



THE BEAUTY OF CERAMICS, THE RESISTANCE OF GOLD.

ESTENIA™ C&B

Would you like to have the best of various options in one crown-and-bridge restorative material? The light/heat-curing hybrid ceramic ESTENIA™ C&B combines in itself advantages offered by ceramics, composites and even gold. Its users benefit from excellent mechanical properties including a high flexural strength and low wear, an antagonist-friendly behaviour, and easy handling and polishing properties that support the creation of an exceptionally aesthetic result.

ESTENIA™ C&B is a cutting-edge composite material, reinforced with a high quantity of ultrafine fillers (0.02 µm sized particles) in a micro-filled matrix (2 µm ceramic and alumina particles). It has a filler load of 92 % by weight (82 % by volume).

BENEFITS

- ✓ Excellent aesthetics and durability
- ✓ Biocompatible: not harmful to gums and antagonist teeth
- ✓ Easy to handle and polish
- ✓ High mechanical properties and low wear
- ✓ Adhesive cementation
- ✓ Uniform and regular edges
- ✓ Suitable for bruxism



ESTENIA™ C&B HYBRID CERAMIC

APPLICATIONS

In many clinical situations, the hybrid ceramic material is a perfect alternative to composite, metal and different types of ceramics. ESTENIA™ C&B is a material suitable for all kinds of metal-free single-tooth restorations such as inlays, onlays, veneers and crowns, and works well on metal substructures or with fibre reinforcement.



**Composite/metal crowns and
composite/metal bridges****
(Telescopic)



Complete metal free crowns*
(36)



Inlays and onlay*
(35, 36)



**Composite bridges reinforced
with fiberglass****



Bite



Toronto bridge**

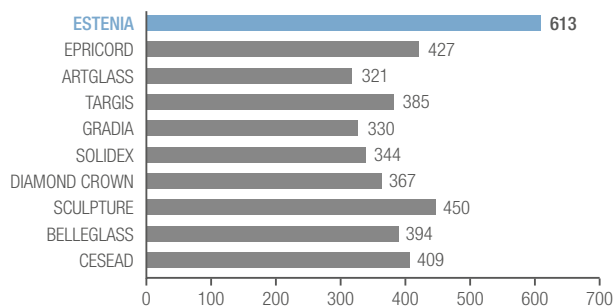
* Source: Kuraray Medical Inc., Japan

** Goedegebuure dental laboratory, The Netherlands

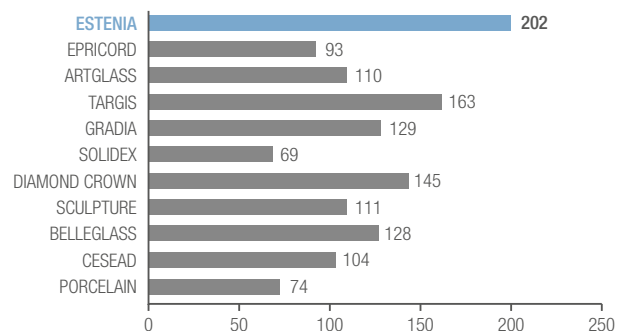
CONVINCING RESULTS

EXCELLENT MECHANICAL PROPERTIES

Compressive strength (MPa)

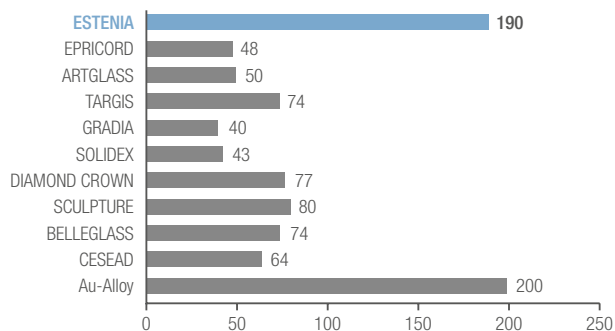


Flexural strength (MPa)



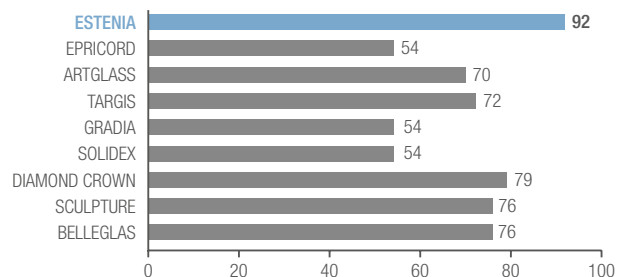
VICKERS HARDNESS SIMILAR TO GOLD

Vickers Hardness (HV)



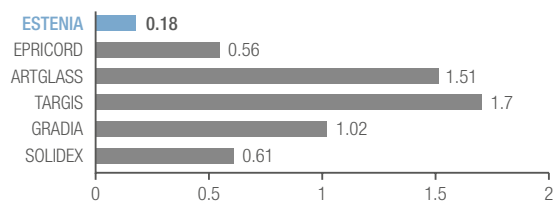
HIGH FILLING PERCENTAGE

Filling percentage (% weight)



LOW WEAR

Wear (mm³)



Conditions for cleaning with a brush: load = 150 g, 40,000 times

ESTENIA™ C&B

COLOUR SCALE

The ESTENIA™ C&B system contains 16 body opaque shades that correspond to the VITA classical A1-D4 shades, plus four extra colours. The scale above supports the user in selecting the optimal colour for every clinical situation. The colours shown in the Table are sold separately.

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	NW0	NW0.5	NP1.5	NP2.5
Body Opaque	OA1	OA2	OA3	OA3.5	OA4	OB1	OB2	OB3	OB4	OC1	OC2	OC3	OC4	OD2	OD3	OD4	ONW0	ONW0.5	ONP1.5	ONP2.5
Cervical Opaque	-	C01	C01	C01	C01	-	C02	C02	C02	-	C03	C03	C03	C04	C04	C05	-	-	-	-
Opaque Modifier	W	P	RP	DP	G	YBR	O	BR	PUR											
Opacious Dentin	ODA1	ODA2	ODA3	ODA3.5	ODA4	ODB1	ODB2	ODB3	ODB4	ODC1	ODC2	ODC3	ODC4	ODD2	ODD3	ODD4	ODNW0	ODNW0.5	ODNP1.5	ODNP2.5
Dentin	DA1	DA2	DA3	DA3.5	DA4	DB1	DB2	DB3	DB4	DC1	DC2	DC3	DC4	DD2	DD3	DD4	DNW0	DNW0.5	DNP1.5	DNP2.5
Cervical	-	CE1	CE1	CE2	CE2	-	CE3	CE4	CE4	-	CE5	CE5	CE6	CE7	CE7	CE8	-	-	-	-
Enamel	E1	E1	E1	E2	E2	E4	E1	E3	E3	E1	E3	E3	E3	E1	E3	E3	E0	E0	E1	E1
Transparent	T0	T1	T2	TLV																
Cervical Transparent	CT1	CT2	CT2	CT3	CT4	CT1	CT5	CT5	CT6	CT1	CT2	CT2	CT4	CT2	CT2	CT4	-	-	-	-
Cervical Dentin Effect	CDE1	CDE2	CDE3	CDE4	CDE5															
Enamel Effect	CE	CE-0	CE-Y	WE	MA-1	MA-2	IE													
Transparent Effect	TG	AM	AM-Y	ME	TB															
Gingival	P1	P2	P3	P4	P5															

RECOMMENDATION FOR CEMENTATION

Indirect restorations made of hybrid ceramic material must be fixed with adhesive cementation. We recommend PANAVIA™ V5 or PANAVIA™ SA Cement Universal.

Both products contain Kuraray Noritake's original MDP monomer with extraordinary and proven adhesive properties.

PANAVIA™ V5

- ✓ Wide indication includes adhesion bridges and veneers
- ✓ Reliable marginal sealing
- ✓ High bond strength
- ✓ Low film thickness
- ✓ In 5 colors



PANAVIA™ SA CEMENT UNIVERSAL

- ✓ Suitable for prosthetic restorations
- ✓ Even LiDiSi cementation
- ✓ Easy, gum-friendly excess removal
- ✓ No need for separate primers
- ✓ Storage at room temperature
- ✓ In 3 colors



PRODUCT ASSORTMENT

#2395 EU ESTENIA™ C&B STANDARD KIT

Opaque Resin (2.0 ml)

- Body Opaque OA2, OA3, OA3.5, OB3, OD3
- Cervical Opaque (6.4 g/2.6 ml) C01, C02, C04
- Opaque Modifier P

Body Resin (6.4 g/2.6 ml)

- Opacious Dentin (6.4 g/2.6 ml) ODA2, ODA3, ODA3.5, ODB3, ODD3
- Dentin (6.4 g/2.6 ml) DA2, DA3, DA3.5, DB3, DD3
- Cervical (6.4 g/2.6 ml) CE1, CE2, CE4, CE7
- Enamel (6.4 g/2.6 ml) E1, E2, E3
- Transparent (6.4 g/2.6 ml) T1
- Cervical Transparent (6.4 g/2.6 ml) CT2
- Enamel Effect (6.4 g/2.6 ml) WE
- Transparent Effect (6.4 g/2.6 ml) TG, AM
- Gingival (6.4 g/2.6 ml) P1

Other products

- | | | |
|-----------------------------|---------------------------|-----------------------------------|
| - Opaque Primer (9 ml) | - Small brushes (12 pcs) | - Margin Sep. (5 ml) |
| - Modeling Liquid (6 ml) | - Felt wheel (12 pcs) | - Small brush No. 933 EU (2 pcs) |
| - Add-On Primer (6 ml) | - Instrument No. 1 (1 pc) | - Small brush No. 901 EU (2 pcs) |
| - Air Barrier Paste (10 ml) | - Instrument No. 2 (1 pc) | - Small brush No. 932 EU (2 pcs) |
| - CR SEP III (20 ml) | - Instrument No. 3 (1 pc) | - Mixing plate No. 954 EU (8 pcs) |
| - Polishing compound (10 g) | - Jacket Spacer (5 ml) | |



#2396 EU ESTENIA™ C&B A3 INTRO KIT

Opaque Resin (2.0 ml)

- Body Opaque OA3

Body Resin (6.4 gr./2.6 ml)

- Opacious Dentin (6.4 g/2.6 ml) ODA3
- Dentin (6.4 g/2.6 ml) DA3
- Cervical (6.4 g/2.6 ml) CE1
- Enamel (6.4 g/2.6 ml) E1
- Transparent (6.4 g/2.6 ml) T1
- Cervical Transparent (6.4 g/2.6 ml) CT2

Other products

- | | | |
|-----------------------------|-----------------------------|----------------------------------|
| - Opaque Primer (9 ml) | - Polishing compound (10 g) | - Margin Sep. (5 ml) |
| - Modeling Liquid (6 ml) | - Small brushes (3 pcs) | - Small brush No. 933 EU (1 pc) |
| - Add-On Primer (6 ml) | - Felt wheel (3 pcs) | - Small brush No. 901 EU (1 pc) |
| - Air Barrier Paste (10 ml) | - Instrument No. 1 (1 pc) | - Small brush No. 932 EU (1 pc) |
| - CR SEP III (20 ml) | - Jacket Spacer (5 ml) | - Mixing plate No. 954 EU (1 pc) |

#2405 EU ESTENIA™ C&B EG FIBER SET

- EG Fiber for anterior teeth (2 pcs)
 - EG Fiber for posterior teeth (2 pcs)
 - EG Flow (1.0 ml)
 - EG Core (6 pcs)
-

REFILL

- #2401 EU** EG Fiber for anterior teeth (2 pcs)
 - #2402-EU** EG Fiber for posterior teeth (2 pcs)
 - #2403-EU** EG Flow (1.0 ml)
 - #2404-EU** EG CORE (6 pcs)
-

#275 EU JACKET SEPARATE KIT

- Jacket Spacer (5 ml)
 - Margin Sep. (5 ml)
-

REFILL

- #274 EU** Jacket spacer (5 ml)
- #273 EU** Margin sep (5 ml)

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- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

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