

A family of perfection:

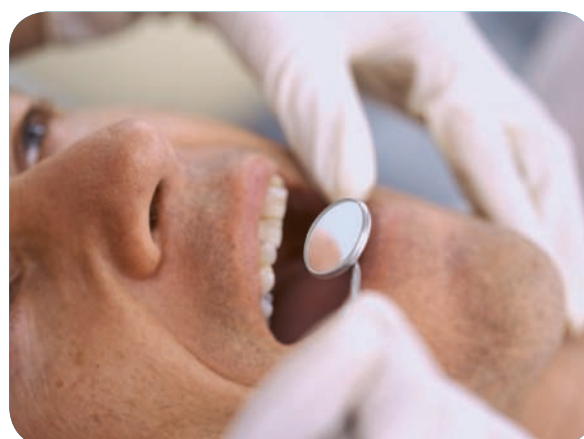
High quality anterior and posterior restorations can be achieved very easily with the new CLEARFIL MAJESTY™ composites. Instead of using different color layers for each restoration, as esthetic restorations have been done so far, simply chose a single matching shade for the entire cavity.

CLEARFIL MAJESTY™ composites are available as Esthetic, Posterior and Flow. They can be used in combination with each other or separately. Based on Kuraray's adhesive technology, they perfectly fit to all Kuraray adhesives. However, they can also be used in combination with commercial bonding systems.



CLEARFIL MAJESTY™ is a holistic composite concept for a long tooth-life.

Dentists appreciate CLEARFIL MAJESTY™:



At IDS (International Dental Show) in Cologne/Germany in March 2007, dentists tested all 3 CLEARFIL MAJESTY™ products in their handling, light-curing and polishing abilities in tooth cavity models. Out of all the people who tested the materials, especially CLEARFIL MAJESTY™ Esthetic, 218 filled out a questionnaire and gave us their personal product evaluation.

95% consider CLEARFIL MAJESTY™ Esthetic as an "excellent to good" esthetic composite.

CLEARFIL MAJESTY™



CLEARFIL MAJESTY™ assortment overview.

	CLEARFIL MAJESTY™ Esthetic		CLEARFIL MAJESTY™ Posterior		CLEARFIL MAJESTY™ Flow
Intro Kit	Syringe # 2151 EU: A2, A3, A3.5, B2 (each 1.8 g/1 ml) +1 CLEARFIL™ S3Bond, 1 ml + accessories	PLT # 2651 EU: A2, A3, A3.5, B2 à 10 PLTs (each 0.26 g/0.15 ml) +1 CLEARFIL™ S3Bond, 1 ml + accessories	Syringe # 2571 EU: A2, A3 (each 4.9 g/2 ml) +1 CLEARFIL™ S3Bond, 1 ml + accessories	PLT # 2690 EU à 10 PLTs: A2, A3 (each 0.25 g/0.1 ml) +1 CLEARFIL™ S3Bond, 1 ml + accessories	Syringe # 2601 EU: A2, A3 (each 3.2 g/1.5 ml) +1 CLEARFIL™ S3Bond, 1 ml + accessories
Refills					
A1	# 2160 EU (3.6 g/2 ml)	# 2660 EU (20 x 0.26 g/0.15 ml)			# 2610 EU (3.2 g/1.5 ml)
A2	# 2161 EU (3.6 g/2 ml)	# 2661 EU (20 x 0.26 g/0.15 ml)	# 2581 EU (4.9 g/2 ml)	# 2692 EU (20x0.25 g/0.1 ml)	# 2611 EU (3.2 g/1.5 ml)
A3	# 2162 EU (3.6 g/2 ml)	# 2662 EU (20 x 0.26 g/0.15 ml)	# 2582 EU (4.9 g/2 ml)	# 2693 EU (20x0.25 g/0.1 ml)	# 2612 EU (3.2 g/1.5 ml)
A3.5	# 2163 EU (3.6 g/2 ml)	# 2663 EU (20 x 0.26 g/0.15 ml)	# 2583 EU (4.9 g/2 ml)	# 2694 EU (20x0.25 g/0.1 ml)	# 2613 EU (3.2 g/1.5 ml)
A4	# 2164 EU (3.6 g/2 ml)	# 2664 EU (20 x 0.26 g/0.15 ml)			# 2614 EU (3.2 g/1.5 ml)
B2	# 2166 EU (3.6 g/2 ml)	# 2666 EU (20 x 0.26 g/0.15 ml)	# 2586 EU (4.9 g/2 ml)	# 2695 EU (20x0.25 g/0.1 ml)	# 2616 EU (3.2 g/1.5 ml)
B3	# 2167 EU (3.6 g/2 ml)	# 2667 EU (20 x 0.26 g/0.15 ml)			
C3	# 2170 EU (3.6 g/2 ml)	# 2670 EU (20 x 0.26 g/0.15 ml)			# 2618 EU (3.2 g/1.5 ml)
T	# 2172 EU (3.7 g/2 ml)	# 2672 EU (20 x 0.26 g/0.15 ml)			
E	# 2173 EU (3.6 g/2 ml)	# 2673 EU (20 x 0.26 g/0.15 ml)			
XL	# 2174 EU (3.6 g/2 ml)	# 2674 EU (20 x 0.26 g/0.15 ml)	# 2590 EU (4.9 g/2 ml)	# 2697 EU (20x0.25 g/0.1 ml)	
OC	# 2175 EU (3.6 g/2 ml)	# 2675 EU (20 x 0.26 g/0.15 ml)			
OA2	# 2177 EU (3.6 g/2 ml)	# 2677 EU (20 x 0.26 g/0.15 ml)			
OA3	# 2178 EU (3.6 g/2 ml)	# 2678 EU (20 x 0.26 g/0.15 ml)	# 2597 EU (4.9 g/2 ml)	# 2704 EU (20x0.25 g/0.1 ml)	# 2632 EU (3.2 g/1.5 ml)
OA4	# 2179 EU (3.6 g/2 ml)	# 2679 EU (20 x 0.26 g/0.15 ml)			
HO	# 2182 EU (3.6 g/2 ml)	# 2182 EU (20 x 0.26 g/0.15 ml)			
AM	# 2185 EU (3.7 g/2 ml)	# 2685 EU (20 x 0.26 g/0.15 ml)			
Cv					# 2621 EU (3.2 g/1.5 ml)
Shade guide	# 2152 EU		# 2572 EU		# 2602 EU

CLEARFIL MAJESTY™ is a trademark of Kuraray Co., Ltd.
CompoMaster™ and Super-Snap™ are not Kuraray Co., Ltd. trademarks.

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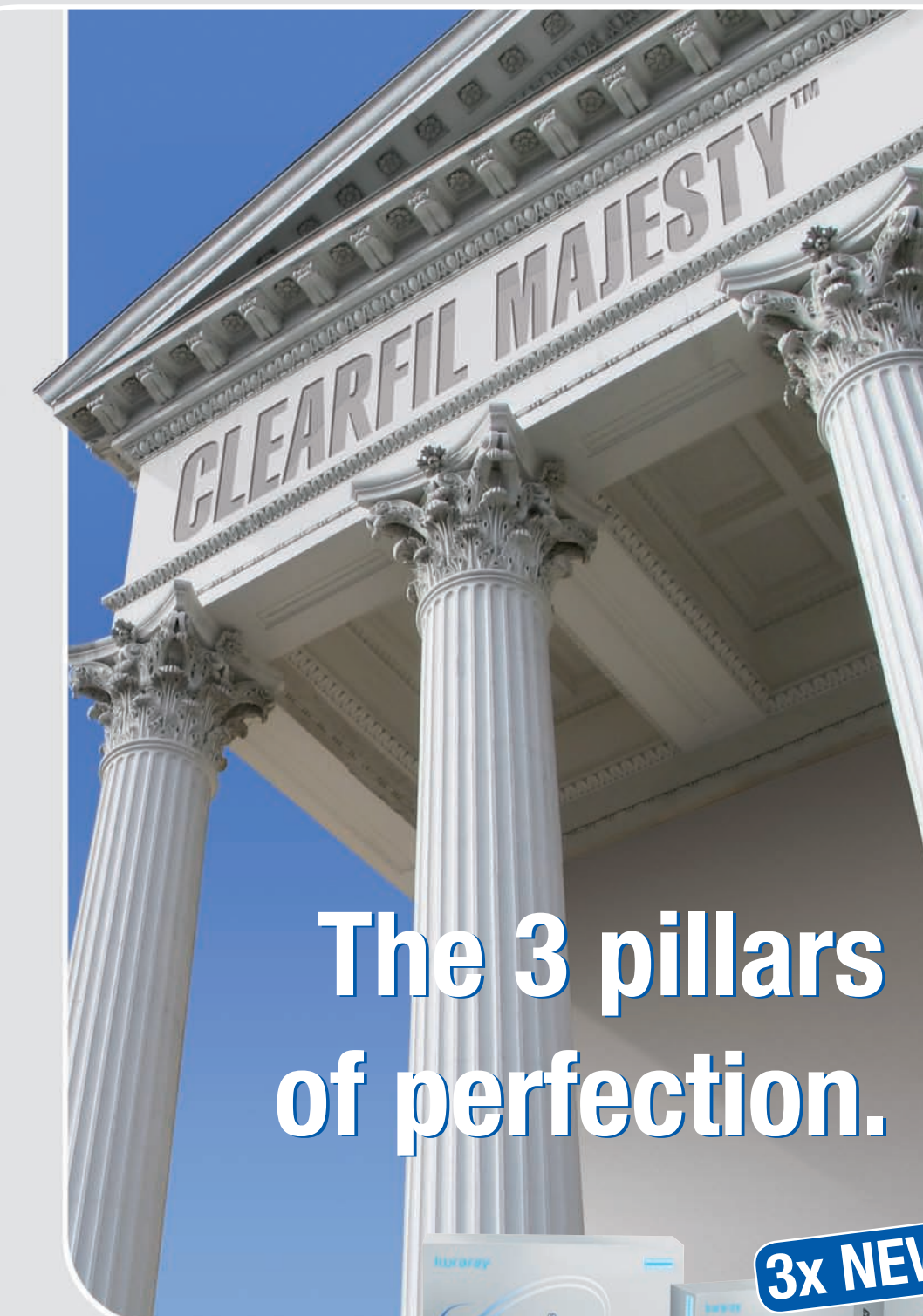
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Get to know CLEARFIL MAJESTY™ a little closer:
www.majesty-dental.com

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CMB SoM 1.0 BM 02/10 V2

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**The 3 pillars
of perfection.**



**Performance in
Composite.**

CLEARFIL MAJESTY™ Esthetic

Anterior and universal composite

While applying only a single color layer, CLEARFIL MAJESTY™ Esthetic displays a special optical behavior to easily imitate the natural tooth color: the **Light Diffusion**.

Your benefit: In most cases, only one matching shade per restoration is needed and the necessity of using different dentin and enamel shades is not given.

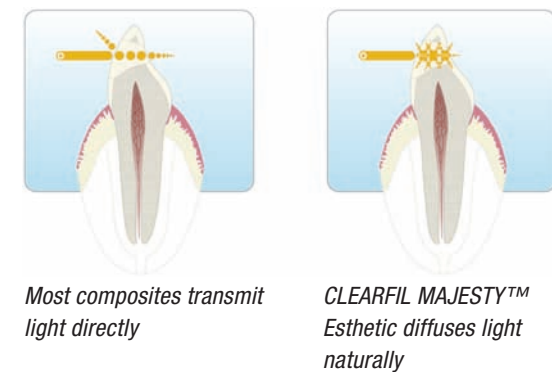
Technology: Light-diffusion – natural tooth substance can be faithfully reproduced for the first time. Cavity margins can hardly be recognized after treatment. The use of highly transparent organic fillers, in combination with the newly developed radiopaque micro fillers and a matrix with a high index of refraction, will lead to the exceptional optical performance of CLEARFIL MAJESTY™ Esthetic.

Filler load: 78 wt% (66 vol%); for shades T, AM: 77 wt% (61 vol%)

Shades: Standard shades: A1, A2, A3, A3.5, A4, B2, B3, C3, H0
Complementary shades: OA2, OA3, OA4, E, XL, OC, T, AM

Material: Easy to use, does not stick to instruments, good polishability

- Additional:**
- Least color change after light-curing
 - Working time of 4.5 minutes: low affection by ambient light
 - Good radiopacity, fluorescence similar to natural teeth



Light-diffusion

Natural tooth substance absorbs light and diffuses it in all directions. Due to its unique composition, CLEARFIL MAJESTY™ Esthetic offers nearly identical properties. Conventional composites, on the other hand, often appear darker than natural tooth substance, as they absorb light and do not diffuse it.

The light-diffusion advantage in practice



Conventional esthetic composites are applied in several color layers, in order to recreate the look of natural tooth substance. CLEARFIL MAJESTY™ Esthetic does that with only one shade layer.

CLEARFIL MAJESTY™ Posterior

Ultra-strong posterior composite

Kuraray's extensive knowledge of adhesive technology has now been transferred to the surface treatment of fillers for CLEARFIL MAJESTY™ Posterior. With this new hybrid composite, Kuraray has entered a new era of filling restorations.

Your benefit: Ultra-strong for a long tooth-life due to

- Superior physical properties
- Low polymerization shrinkage
- Low thermal expansion coefficient

Technology: The innovative **Nano Dispersion Technology** is a new filler surface treatment technology which permits a larger quantity of nano fillers and micro fillers (glass fillers) to be dispersed in the resin matrix.

Filler load: 92 wt% (82 vol%) – which is the highest filler load of all commercial composites.

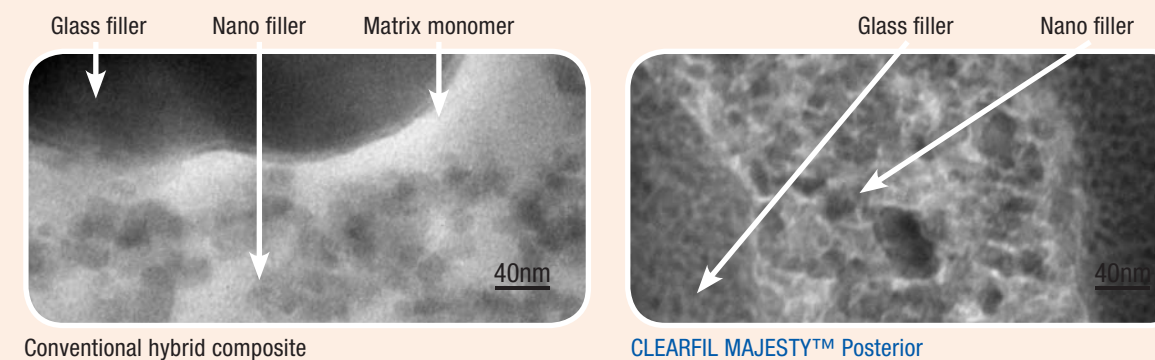
Shades: A2, A3, A3.5, B2, XL, OA3

Material: Easy to use, despite high filler content, does not stick to instruments, good polishability

- Additional:**
- Can be used with every adhesive system
 - No special pretreatment needed
 - Low water sorption
 - Almost no color change through polymerization
 - Good radiopacity



CLEARFIL MAJESTY™ Posterior: Nano Dispersion Technology



Metal-free restoration



Recommendations for polishing

- 1) Shaping: Shape overall figure and marginal line smoothly using diamond tip (fine).
- 2) Finishing: Finish smooth surface using carbide bar (16 blades or 30 blades) or diamond tip (super fine).
- 3) Polishing: Polish to glossy finish with CompoMaster™ (Shofu). If glossier finish is necessary, polish using Ultra II (Shofu, polishing agent made of diamond particles) with Super-Snap™ Buff Disc (Shofu) or polishing brush.

CLEARFIL MAJESTY™ Flow

Flowable composite

CLEARFIL MAJESTY™ Flow is a flowable but superfilled restorative composite resin with the filler particles treated with a proprietary new **Nano Dispersion Technology**. It has a filler content which is similar to many universal composites and convincing handling properties for controlled application.

Indication: Manifold; ideally suited for difficult restorations (e.g. class V) or cavity lining

- Your benefit:**
- Precise flow control: not runny, not sticky
 - Newly developed ergonomic syringe with small needle opening for punctual application and a flexible O-ring inside that returns after dispensing so that the material flow directly stops after application
 - High mechanical strength

Technology: The innovative **Nano Dispersion Technology** is a new filler surface treatment technology which permits a larger quantity of nano fillers and micro fillers (glass fillers) to be dispersed in the resin matrix.

Filler load: 81 wt% (62 vol%) – content similar to many universal composites.

Shades: A1, A2, A3, A3.5, A4, B2, C3, OA3, Cv

Material: Very easy to use, good paste affinity: excellent wettability, but not runny or sticky

- Additional:**
- Low shrinkage
 - Low water sorption
 - High radiopacity, fluorescence similar to natural teeth



Flow control with O-ring.



Difficult in practice:

Class V cavities. No problem with CLEARFIL MAJESTY™ Flow.



Small needle opening for punctual application.

The filling test with a class V cavity model shows, that CLEARFIL MAJESTY™ Flow will not slump out of the cavity. It will remain in the right position without running out of the cavity.