

kuraray

5 Shades*



**All You
Need**

Premium

DENTAL LIGHT-CURED RESTORATIVE COMPOSITE
CLEARFIL MAJESTY™ ES-2

VITA

VITA Approved Shade Concept

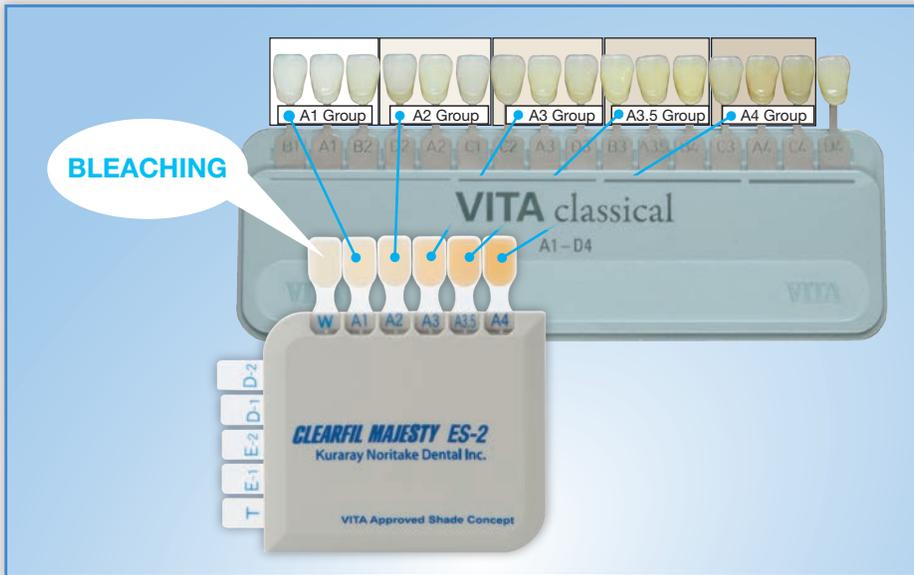
**ONLY 5 CLEARFIL MAJESTY ES-2 Premium shades*
are needed to cover 15 VITA classical shades.**

*5 Shades of Dentin / 5 Shades of Enamel

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Just pick from 5 shades

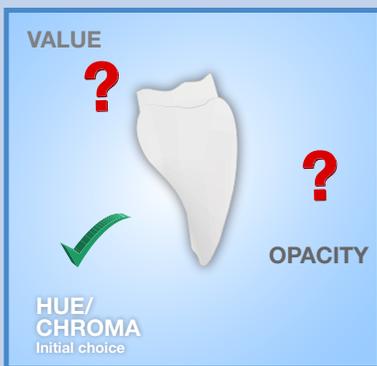
CLEARFIL MAJESTY ES-2 Premium, unlike traditional composites, relies on the initial choice of value instead of hue/ chroma.

15 VITA classical shades are represented by just 5 shades* of **CLEARFIL MAJESTY ES-2 Premium**. With 2 additional shades for bleaching, this concept provides ease and accuracy when shade matching.

*5 Shades of Dentin / 5 Shades of Enamel

How are 5 shades* enough?!

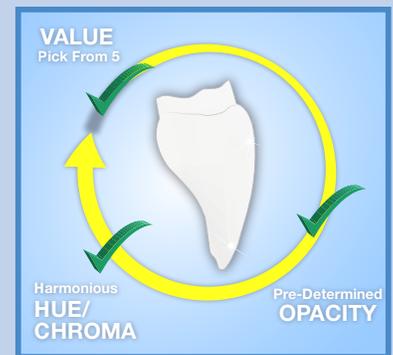
1. Simple Choices based on VALUE



Traditional Method

Traditional composites focus on determining the hue/ chroma from 15 plus shades. This method overlooks the importance of value and opacity. Additional shades (ie: opaque shades) are usually needed to achieve optimum results.

With **CLEARFIL MAJESTY ES-2 Premium**, the initial shade choice based on value, ensures a natural shade match. Both hue/chroma and opacity are addressed within the composite structure.



CLEARFIL MAJESTY ES-2 Method

2. Harmonious HUE/CHROMA

With the correct value chosen, basic hue and chroma are addressed. **CLEARFIL MAJESTY ES-2 Premium** easily blends to the color of the surrounding tooth structure.

Kuraray's proprietary LD(Light Diffusion) technology adds the finishing touch. With refractive light, it completes the shade-blend effect, thereby making **CLEARFIL MAJESTY ES-2 Premium** the best choice for restorations that will ensure both doctor and patient satisfaction.



3. Predetermined OPACITY

Even with the correct color chosen, without the correct opacity, the restoration will not match.

CLEARFIL MAJESTY ES-2 Premium was designed with opacity in mind. The enamel and dentin of each shade has the right translucency to match its corresponding tooth structure.

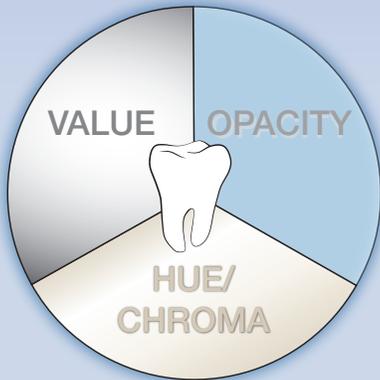
With this simple technique: Dentin paste to dentin structure and Enamel paste to enamel structure, restorations reproduce the same opacity of natural tooth structure, thereby providing easy amazing results.

Biomimetic Layering System



*5 Shades of Dentin / 5 Shades of Enamel

shades* instead of 15.



VITA

VITA Approved Shade Concept

How Accurate is VALUE-Based Selection?

Visual Accuracy (1 Shade matches 3 VITA Classical Shades)

CLEARFIL MAJESTY ES-2 Premium simulates tooth color effortlessly. In this example, the A2 Shade (A2D and A2E) were used on 3 different VITA shade guide tabs (D2, A2 and C1).

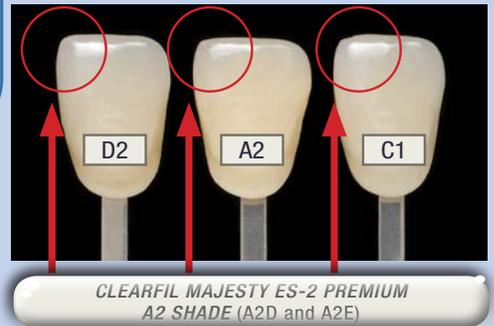
Just by using the CLEARFIL MAJESTY ES-2 Premium A2 shade (A2D and A2E), you are able to match the tooth color where normally, 3 different shades or shade combinations would be needed to match these VITA classical shades using other systems.

As the examples show, the CLEARFIL MAJESTY ES-2 Premium restorations are indistinguishable from the original shade tab.

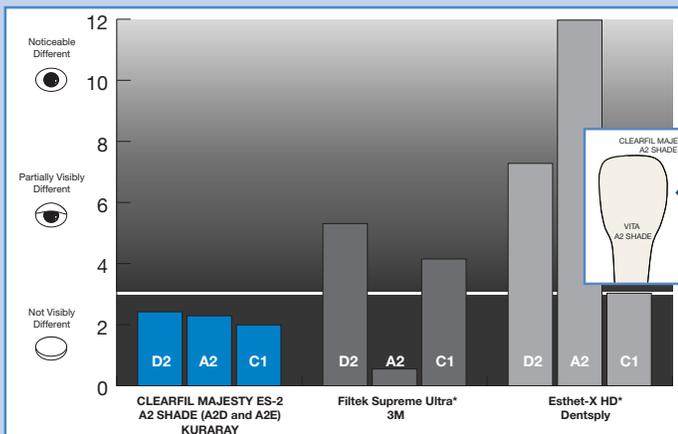


The dotted area is where CLEARFIL MAJESTY ES-2 Premium was used in this restoration.

CLEARFIL MAJESTY ES-2 Premium A2D (Dentin) and A2E (Enamel) shades were used to restore three different VITA classical shades guide tabs.



Color Difference (ΔE) Between Filled Composite and VITA Classical Shade Guide



Data courtesy of Dr. Shigemi Nagai, Harvard School of Dental Medicine
* Not a trademark of Kuraray Co., Ltd

CLEARFIL MAJESTY ES-2 Premium is currently the only composite with a VITA approved shade concept. This means that your shade choice will match the corresponding VITA classical shade without variation.

In this study, the center of the VITA shade tabs were restored according to the shade recipe each manufacturer recommended**.

We can conclude that CLEARFIL MAJESTY ES-2 Premium definitely matches the 3 VITA classical shades with a single shade combination, while competitive products require complicated shade recipes and do not match as accurately.

**Note: Some manufacturers' recipes require up to 3 different formulas for each shade, unlike CLEARFIL MAJESTY ES-2 where one combination can match 3 shades at a time.

Additional points of interest

- **Long Working Time****

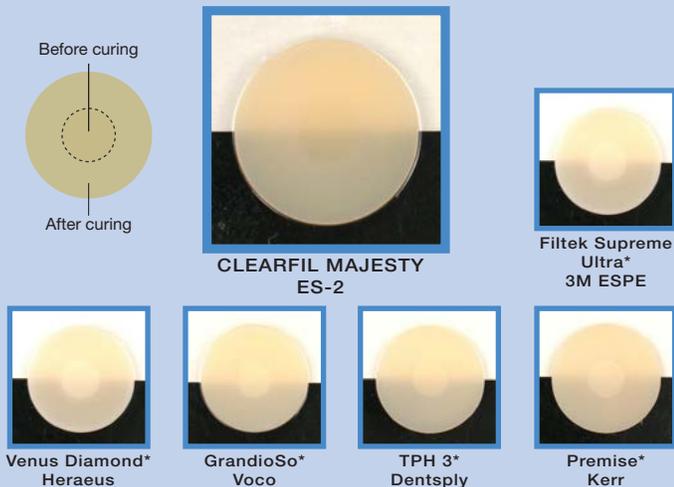
CLEARFIL MAJESTY ES-2 has a very long working time for a composite material at 4.5 minutes (under ambient lighting).

- **Universal Use**

CLEARFIL MAJESTY ES-2 is a nano-hybrid composite, and is ideal for both anterior/posterior use.

- **Virtually no post-cure transparency change**

Below is a comparison of various composites where the sample discs were cured along the edges and the center left uncured. Notice the lack of shade-shift when using CLEARFIL MAJESTY ES-2.



* Not a trademark of Kuraray Co., Ltd

**According to ISO4049

Example Restorations done with CLEARFIL MAJESTY ES-2



Photos courtesy of Dr. Hirofumi Tashiro

Ordering information

SYRINGE	PREMIUM DENTIN							PREMIUM ENAMEL						
	A1D	A2D	A3D	A3.5D	A4D	XWD	WD	A1E	A2E	A3E	A3.5E	A4E	XWE	WE
	#3057KA	#3058KA	#3059KA	#3060KA	#3061KA	#3062KA	#3063KA	#3050KA	#3051KA	#3052KA	#3053KA	#3054KA	#3055KA	#3056KA

PLT	PREMIUM DENTIN							PREMIUM ENAMEL						
	A1D	A2D	A3D	A3.5D	A4D	XWD	WD	A1E	A2E	A3E	A3.5E	A4E	XWE	WE
	#3147KA	#3148KA	#3149KA	#3150KA	#3151KA	#3152KA	#3153KA	#3140KA	#3141KA	#3142KA	#3143KA	#3144KA	#3145KA	#3146KA

SYRINGE	TRANSLUCENT		PLT	TRANSLUCENT		KITS		SHADE GUIDE	
	#3064KA	Clear		#3154KA	Clear	#3011KA	CLEARFIL MAJESTY ES-2 (Enamel/Dentin Starter Kit)	#3000KA	CLEARFIL MAJESTY ES-2 (Shade Guide)
	#3065KA	Amber		#3155KA	Amber	#3100KA	CLEARFIL MAJESTY ES-2 PLT (Professional Kit)		
	#3066KA	Blue		#3156KA	Blue	#3101KA	CLEARFIL MAJESTY ES-2 PLT (Enamel/Dentin Starter Kit)		
#3067KA	Gray	#3157KA	Gray						

Warranty: This product brochure is for premium shades of CLEARFIL MAJESTY ES-2. Kuraray Noritake Dental Inc. will replace any product that is proved to be defective. Neither Kuraray Noritake Dental Inc. nor the distributor accepts liability for any loss or damage, direct, consequential or special, arising out of the application or use of or the inability to use these products. Before using, the user should determine the suitability of the products for the intended use and the user assumes all risk and liability whatsoever in connection therein. CLEARFIL MAJESTY ES-2 and Kuraray Noritake Dental Inc. products are available only through Kuraray Authorized dealers.