



The most important technical features of CLEARFIL AP-X

Physical data

Compressive strenght (MPa)	449	Toothbrush abrasion (mm ³)	0,33
Flexural strenght (MPa)	204	Filler percentage weight	86
Brinell hardness (Hb)	76	Filler percentage volume	70
Wear resistance (KCR)	0,44		

Types of package

- Introductory package consisting of 4 syringes of 4.6 g (2ml) in the VITA® colours A2, A3, A4 and B2.
- Separate syringes of 4.6 g (2ml) available in VITA® colours A2, A3, A3.5, A4, B2, B3, B4, C2, C3, C4 and colour XL.

CLEARFIL AP-X ...

Used in combination with CLEARFIL LINER BOND 2V

The universal LC anterior and posterior composite

As combination products, these materials give rise to highly aesthetic, wear resistant and durable restorations.

- Accurate shades
- Easy handling
- Excellent strenght

Your winning team !



AESTHETIC AND DURABLE



CLEARFIL™ AP-X

It's a dream for a dentist being able

to use one and the same composite for

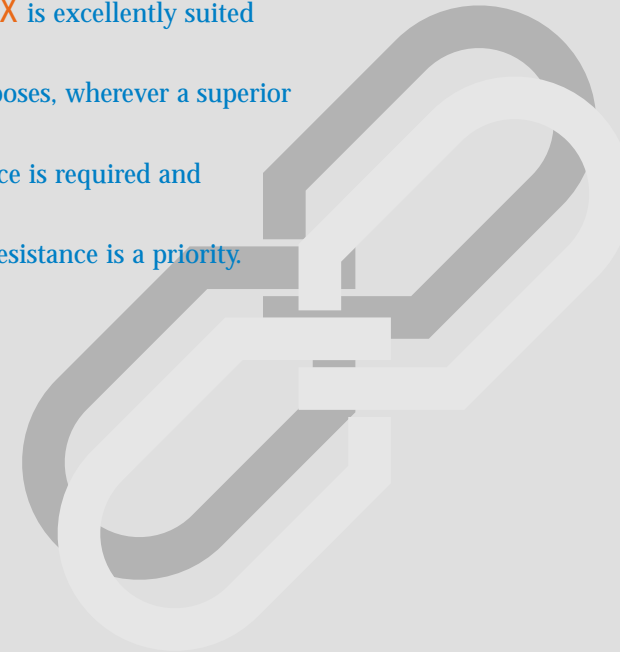
anterior as well as posterior restorations.

CLEARFIL AP-X is excellently suited

for all clinical purposes, wherever a superior

aesthetic appearance is required and

exceptional wear resistance is a priority.



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NOTE: Please read CLEARFIL AP-X instructions for use thoroughly before using the product. CLEARFIL AP-X is a trademark of Kuraray Co., Ltd. All information contained herein is presented in good faith and without warranty. Kuraray Co., Ltd. will replace any product that is proved to be defective. Kuraray Co., Ltd. for the distributor. Except liability for any loss of earnings, consequential or special, arising out of the application or use of the product. Please refer to the product. When using, we will determine the liability of the product. For the detailed use and the use assume, please refer to the instruction manual. 17110101_020119

CLEARFIL AP-X



Natural aesthetics

CLEARFIL AP-X exhibits almost the same translucency and fluorescence as enamel, which means that a tooth restored with CLEARFIL AP-X looks like a natural one.

For crown restorations, brighter shades enhance the translucency of the material; for cervical restorations, on the other hand, opacity is more dominant.

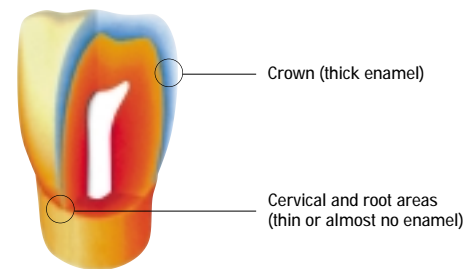
Strong and durable

CLEARFIL AP-X is heavy filled with fine 3 µm sized barium glass particles. This high filler content is responsible for the unusually high wear and fracture resistance exhibited by CLEARFIL AP-X.

Besides, excellent radio-opacity of this product facilitates X-ray evaluation.

Various shade combinations

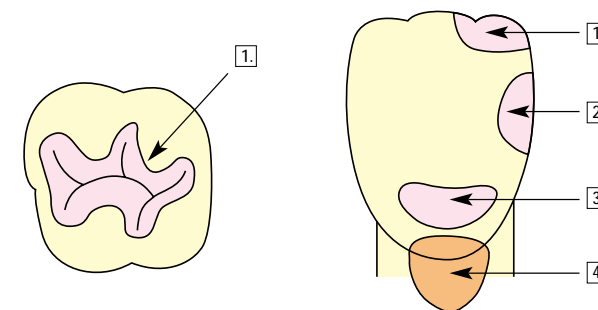
CLEARFIL AP-X is available in 10 different VITA® shades. In addition there is XL, a transparent eleventh shade which is used to improve the translucency of the restoration. A large shade combination makes it convenient to comply with the patients' requirements.



Shade Selection Guide

Restoration site	Standard shades			Cervical shade
	A2	A3	A3.5	A4
1. Restoration of Class I, II, IV cavities	○	↕	↕	
2. Restoration of Class III cavities	↕	○	↕	
3. Restoration of Class V cavities		↕	○	
4. Restoration of cervical cavities (WSD) involving the root surface				○

○ indicates optimal application.



Highly polishable

CLEARFIL AP-X is a microhybrid composite containing fine barium glass particles, providing excellent polishability. This is an important factor for aesthetic reasons, but it also affects hygienic and preventive aspects: plaque retention, secondary caries and gingival irritation.

Reduced shrinkage

The fine 3 µm particles are filled in high density (86 wt %) thus reducing polymerization shrinkage of CLEARFIL AP-X.

Easy processing

The consistency of CLEARFIL AP-X is suitable for any indication. In anterior restorations, CLEARFIL AP-X offers easy forming process with a matrix strip. Also, it does not stick to the instrument.

In posterior restorations, on the other hand, CLEARFIL AP-X has the adequate consistency to allow good forming.



Composite	CLEARFIL AP-X	Product A	Product B	Product C
Polymerisation	Light-cured	Light-cured	Light-cured	Light-cured
Application	Anterior and posterior	Anterior and posterior	Anterior and posterior	Anterior and posterior
Compressive strength (MPa)	449	474	381	379
Compressive proportional limit (MPa)	221	207	142	174
Flexural strength (MPa)	204	174	178	141
Brinell hardness	76	76	65	81
Tooth brush abrasion (mm3)	0,33	0,28	0,95	0,45
KCR abrasion (mm3)	0,44	Fractured	0,50	Fractured