



**INDICATIONS**

- Class I, II, V restorations of posterior teeth
- Class III, IV, V restorations of anterior teeth
- Cervical cavities or defects involving root surfaces

**PRODUCT ASSORTMENT**

**CLEARFIL™ AP-X SYRINGES (4.6g/2ml)**

#1721-EU	CLEARFIL™ AP-X	A2
#1722-EU	CLEARFIL™ AP-X	A3
#1723-EU	CLEARFIL™ AP-X	A3.5
#1724-EU	CLEARFIL™ AP-X	A4
#1725-EU	CLEARFIL™ AP-X	B2
#1726-EU	CLEARFIL™ AP-X	B3
#1727-EU	CLEARFIL™ AP-X	B4
#1732-EU	CLEARFIL™ AP-X	C1
#1728-EU	CLEARFIL™ AP-X	C2
#1729-EU	CLEARFIL™ AP-X	C3
#1730-EU	CLEARFIL™ AP-X	C4
#1733-EU	CLEARFIL™ AP-X	CL
#1734-EU	CLEARFIL™ AP-X	HO
#1731-EU	CLEARFIL™ AP-X	XL

**CLEARFIL™ AP-X PLTS (0.2 g)**

#1721-E2	CLEARFIL™ AP-X	A2	20 tips
#1722-E2	CLEARFIL™ AP-X	A3	20 tips
#1723-E2	CLEARFIL™ AP-X	A3.5	20 tips
#1724-E2	CLEARFIL™ AP-X	A4	10 tips
#1725-E2	CLEARFIL™ AP-X	B2	20 tips
#1726-E2	CLEARFIL™ AP-X	B3	20 tips
#1734-E2	CLEARFIL™ AP-X	HO	10 tips
#1731-E2	CLEARFIL™ AP-X	XL	20 tips

Accessoires

#935-EU	Shade guide
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# CLEARFIL™ AP-X

AESTHETIC AND DURABLE



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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.

"CLEARFIL" is a registered trademark or trademarks of KURARAY CO., LTD.

CLEARFIL™ AP-X is a light-curing, radiopaque universal composite resin which combines accurate color matching, excellent polishing qualities, and outstanding physical features. Thanks to these properties, it is suitable for both anterior and posterior tooth restorations.

## 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

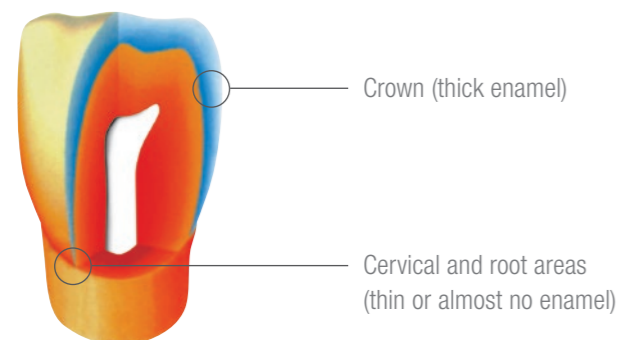
CLEARFIL™ AP-X is heavy filled with fine 3 µm sized barium glass particles. This high filler content is responsible for the unusually high wear and fracture resistance exhibited by CLEARFIL™ AP-X. Besides, excellent radiopacity of this product facilitates X-ray evaluation.

## VARIOUS SHADE COMBINATIONS

CLEARFIL™ AP-X is available in 11 VITA® shades, complemented by three tailored shades—CL, HO and XL—for enhanced aesthetic versatility. CL is designed for cervical restorations, HO provides effective masking of dark or discoloured tooth structure, and XL increases the translucency of the restoration. This broad shade range makes it easy to meet a wide variety of clinical and aesthetic requirements.

MECHANICAL PROPERTIES	CLEARFIL™ AP-X
Compressive strength (MPa)	412
Flexural strength (MPa)*	164
Filler load (wt%)	86
Filler load (vol%)	71
Wear resistance enamel** (mm <sup>3</sup> )	0.03
Water sorption* (µg/mm <sup>3</sup> )	16.2
Solubility* (µg/mm <sup>3</sup> )	0.6

Data Kuraray Noritake Dental Inc.  
\* (ISO4049)  
\*\* After 40,000 strokes. Specific testing data on file



## 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.

## 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.

