

DENTSPLY

Core & Post System

Launch Presentation

For better dentistry

DENTSPLY

DENTSPLY Core & Post System



DENTSPLY Core & Post System ReOrder Information

X-Post™

Size 1 (yellow)
ReO 606.67.332 (5 pcs.)

Size 2 (red)
ReO 606.67.333 (5 pcs.)

Size 3 (blue)
ReO 606.67.334 (5 pcs.)

Size 4 (green)
ReO 606.67.335 (5 pcs.)

Maillefer Precision Drill

Size 1 (yellow)
ReO C060100000100 (3 pcs.)

Size 2 (red)
ReO C060100000200 (3 pcs.)

Size 3 (blue)
ReO C060100000300 (3 pcs.)

Size 4 (green)
ReO C060100000400 (3 pcs.)

Maillefer Largo Peeso Reamer

Size 1 (for Fiber Posts 1 + 2)
ReO A000924000100 (6 pcs.)

Size 2 (for Fiber Posts 3 + 4)
ReO A000924000200 (6 pcs.)

Self Cure Activator

ReO 634354K (1 bottle, 5ml)

XP Bond™

ReO 606.67.281 (1 bottle, 5ml
+ 1 CliXdish™)

DeTrey® Applicator Needles for Conditioner 36

ReO 606.15.204 (25 pcs.)

DeTrey® Conditioner 36

ReO 606.15.208 (2 syringes, 3ml each
+ 25 applicator needles)

Mixing/IntraOral Tips for Core-X™ flow

ReO 606.20.116 (40 pcs.)

Core-X™ flow

ReO 606.67.330 (4 syringes, 4,75g each
+ 20 mixing/intraoral tips)

Mixing Pad

ReO 611.05.990 (12 pcs.)

CliXdish™

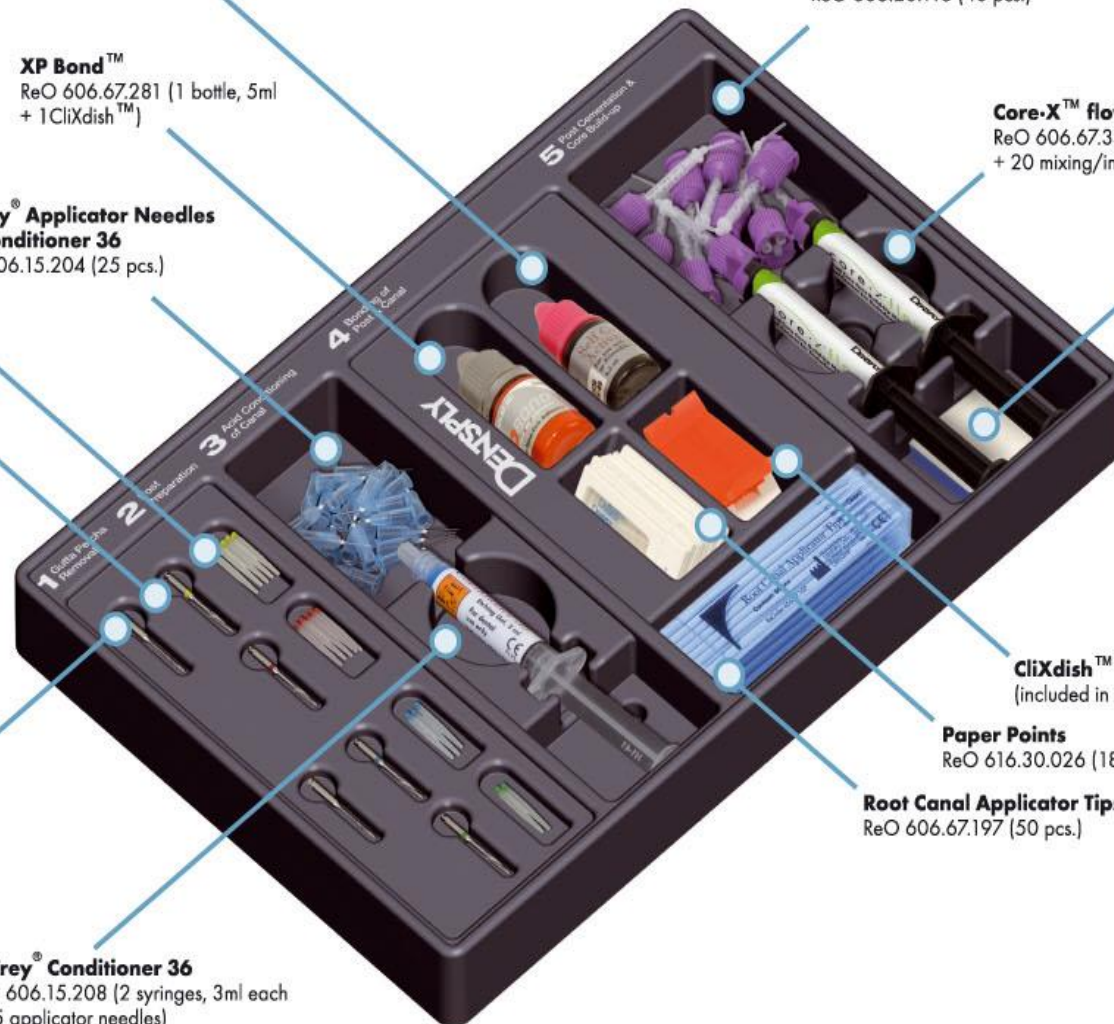
(included in XP BOND™ Refill)

Paper Points

ReO 616.30.026 (180 pcs.)

Root Canal Applicator Tips

ReO 606.67.197 (50 pcs.)



For better dentistry

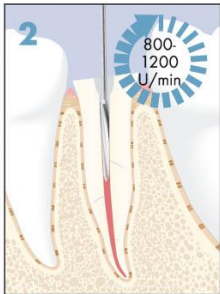
DENTSPLY

DENTSPLY Core & Post System

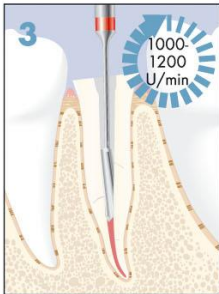


1	X•Post™	No.1	No. 2	No. 3	No. 4
	Color Code	yellow	red	blue	green
	Largo® Peeso Reamer	No. 1	No. 1	No. 2	No. 2
	Easy Post Precision Drill	No. 1	No. 2	No. 3	No. 4

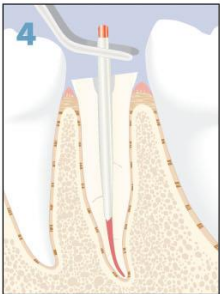
Select correct X•Post™ size using radiograph, according to anatomical situation.
Select the Largo® Peeso Reamer and Easy Post Precision Drill corresponding to the selected X•Post™ size.



Remove root canal filling material with the corresponding (see Table 1) Largo® Peeso Reamer (rotation speed: 800-1200 rpm).



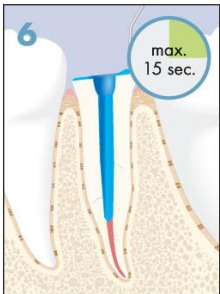
Prepare canal with the selected Easy Post Precision Drill (1000-1200 rpm).



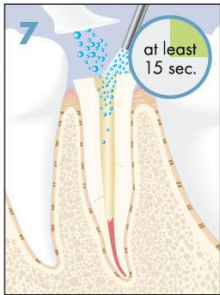
Check fit of the X•Post™.



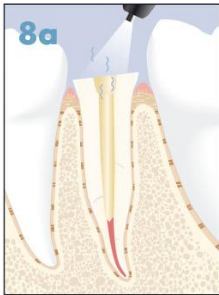
Reduce X•Post™ to adequate length outside the mouth and clean with alcohol.



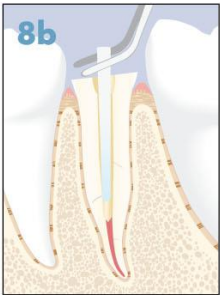
Etch dentin with DeTrey®Conditioner 36 for up to 15 seconds.



Remove acid gel and rinse for at least 15 seconds.



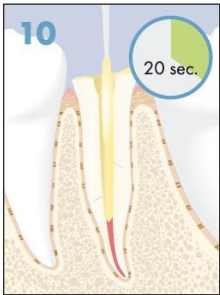
Gently remove rinsing water with air syringe ...
Do not desiccate!



... and/or paper point.
Do not desiccate!



First dispense XP BOND™, then Self Cure Activator in equal ratio into a CliXdish™. Mix for at least 2 sec.

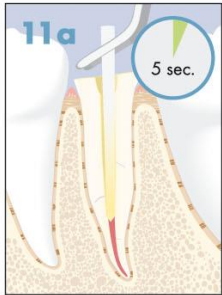


Apply XP BOND™/SCA into canal and other surfaces for bonding and leave undisturbed for 20 seconds.

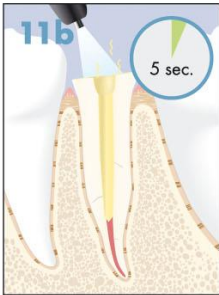


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www.dentsply.de
www.caulk.com

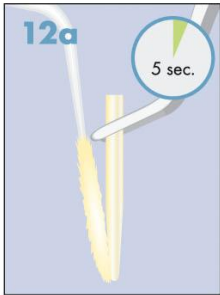
DENTSPLY Core & Post System



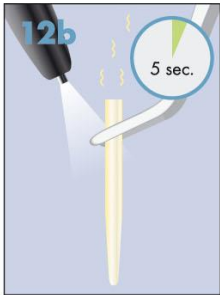
Remove surplus of XP Bond™/SCA mixture with paper point.



Evaporate solvent by blowing gently with air.



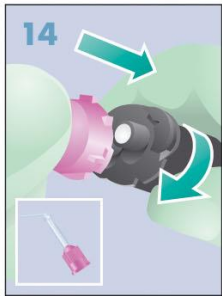
Wet the whole X•Post™ with XP BOND™/SCA mixture.



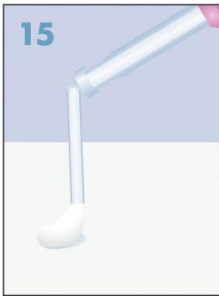
Remove solvent of XP Bond™/SCA mixture by blowing gently with air. Protect X•Post™ from light.



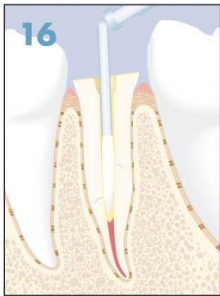
Remove cap of core-x™ flow syringe and discard a small amount of material.



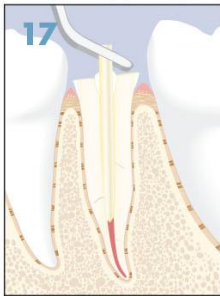
Install mixing tip on the cartridge (consider v-shape notch). Turn colored mix tip cap 90 degrees in a clockwise direction to lock in place on syringe.



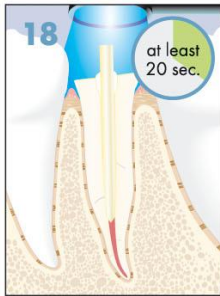
Gently dispense a small amount of core-x™ flow onto a mixing pad
DO NOT USE EXCESSIVE FORCE!



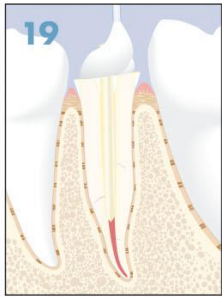
Apply core-x™ flow directly into the canal.



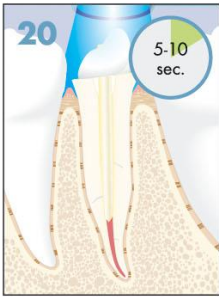
Immediately place X•Post™ into final position and stabilize.



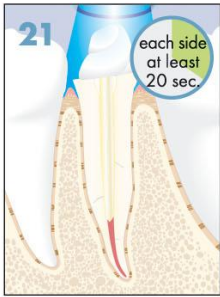
Once stabilized, light cure for at least 20 seconds.
Curing light output $\geq 550 \text{ mW/cm}^2$



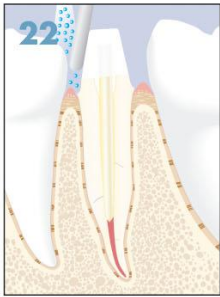
Model further core-build up with core-x™ flow syringe.



Increments may be light-cured in order to "freeze" material.



Finally light-cure for at least 20 seconds from each side or wait for 3 1/2 minutes.



Prepare core-build up with rotary instruments under water cooling.



Continue by impression taking or temporarisation.



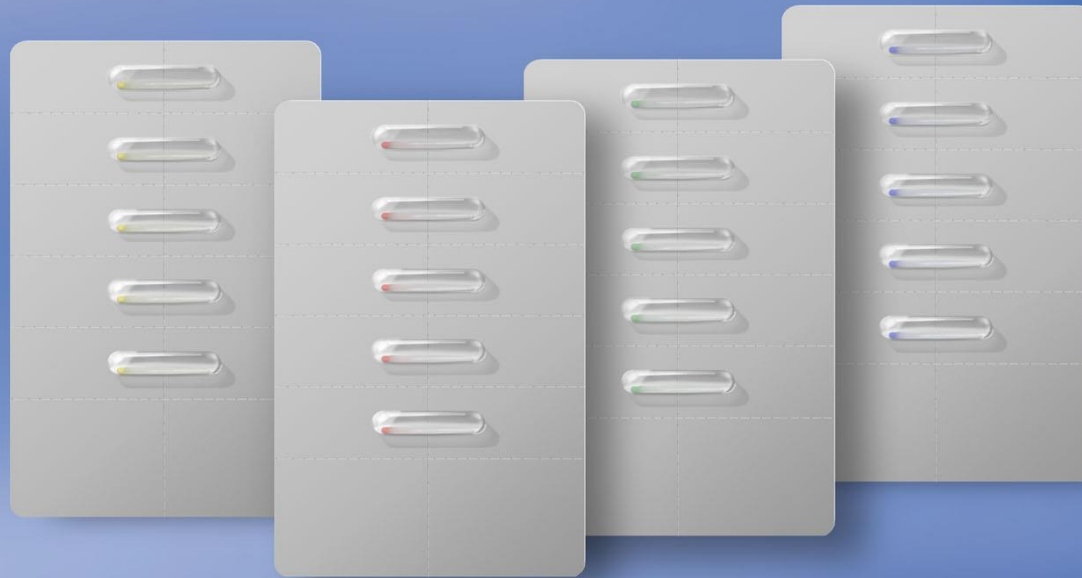
Post must be fully seated within 40 seconds maximum!

DENTSPLY Core & Post System



For better dentistry

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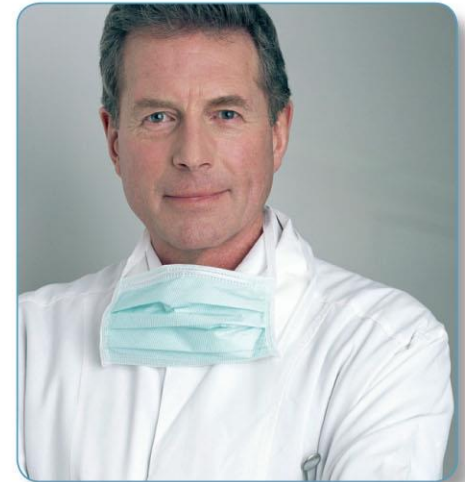
Frequent questions about core build-up and post cementation:

Looking for products with
proven compatibility?

Worried about the complex
procedure of core build-up?

Not sure about the clinical performance of
your bonding agent in the root canal?

Too many different products needed for
core build-up and post cementation?



Not sure about the clinical treatment steps of core build-up?

Frustrated from dealing with too many
separate packages in your dental office?

Always searching for products needed
for post placement and core build-ups in your office?



Looking for drills and posts with a
perfect fit to the root canal?

Our Solution ►

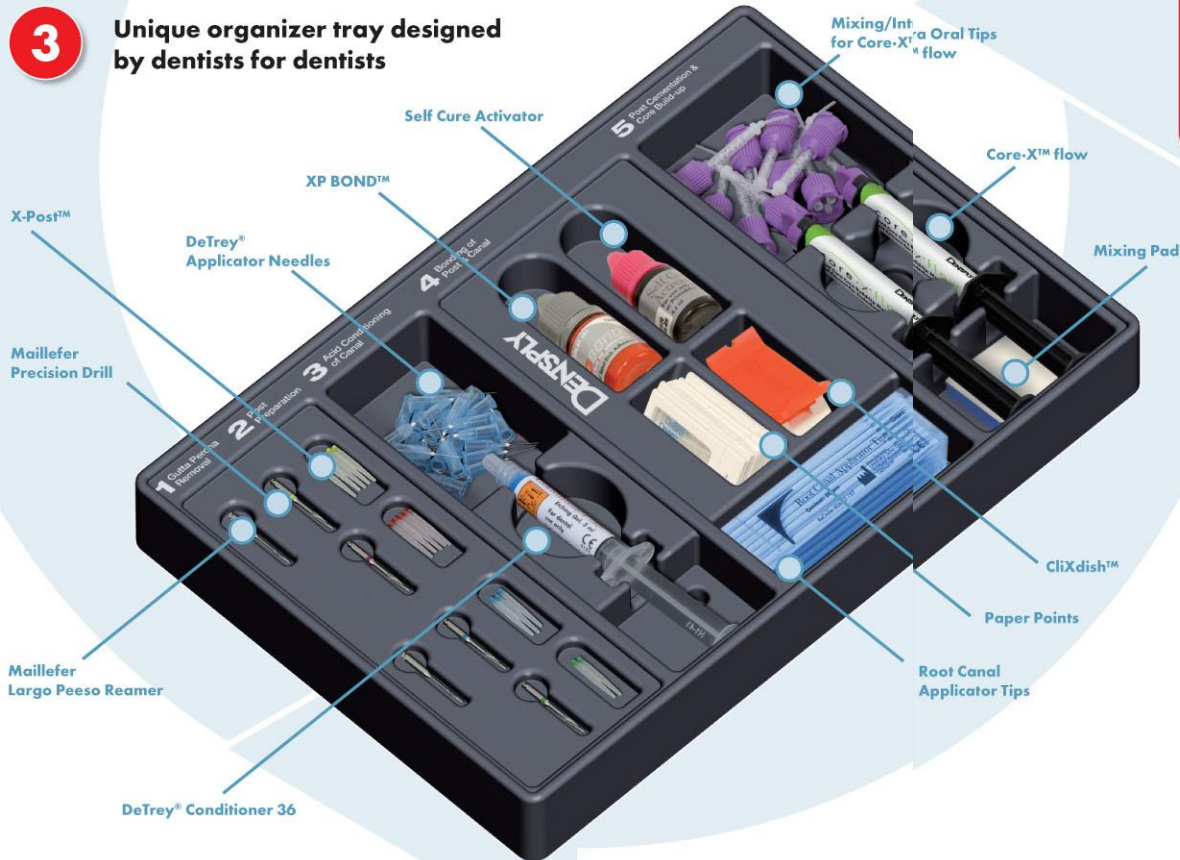
DENTSPLY Core & Post System

Adhesive Core Build-up Kit

1 Complete dental treatment solution

2 CTS (Certified Treatment System):
Products with proven compatibility

3 Unique organizer tray designed
by dentists for dentists



- 1** ▶ Fast and easy procedure: complete treatment system for the placement of core build-ups and endodontic posts
- 2** ▶ Complete DENTSPLY solution: All system components with excellent performance
- 3** ▶ Organizer tray arranged according to the most important treatment steps
Useful accessories (CliXdish™, Paper Points, Root Canal Applicator Tips, Mixing Pad) complement the system



x · post™

Endodontic Fiber Post

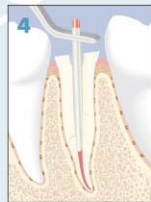
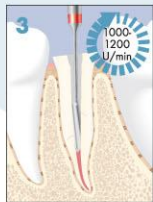
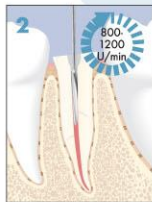
- 1 Dentine like elasticity
- 2 Minimal dentine removal
- 3 Stable build-up

Step by step treatment

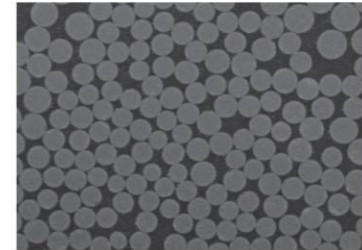
X·Post™	No. 1	No. 2	No. 3	No. 4
Color Code	yellow	red	blue	green
Largo® Peeso Reamer	No. 1	No. 1	No. 2	No. 2
Easy Post Precision Drill	No. 1	No. 2	No. 3	No. 4



	[mm]	ØD0	ØD3	L1	L2	L3
N°1		0.8	1.35	20.0	6.00	13.77
N°2		0.8	1.47	20.0	7.25	12.52
N°3		1.0	1.67	20.0	7.20	12.51
N°4		1.0	1.83	20.0	9.00	10.71

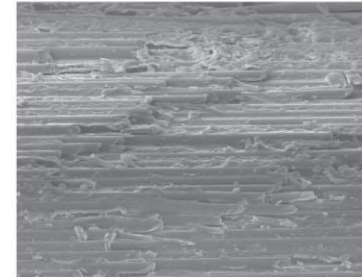


- 1 Parallel oriented glass fibers prevent fissures or fractures



- 2 Tapered shape mimics the anatomy of the root canal

- 3 Microporous surface provides maximum surface for better adhesion of cement



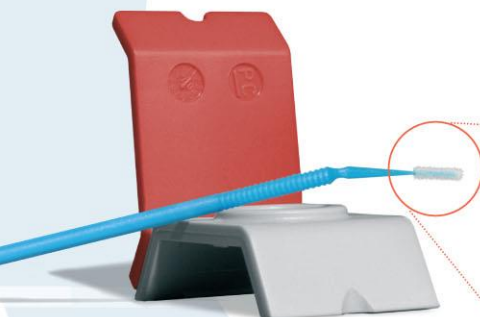
- Radiopaque: X-ray detection for easy diagnostics and monitoring
- High translucency facilitates light curing, giving better control over cement and bonding setting times
- Available in four most important sizes

XPBOND™

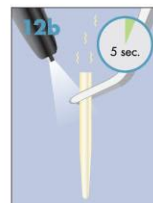
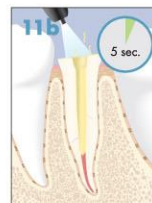
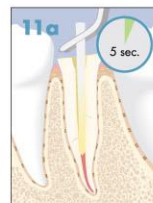
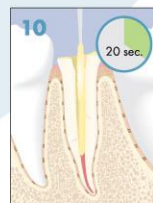
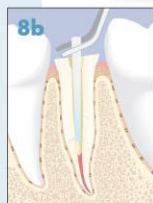
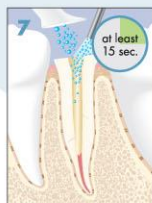
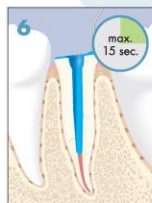
... for eXtra Performance

Universal Total-Etch Adhesive

- 1** Excellent bonding performance
- 2** Proven self-cure¹ mode for reliable adhesion in the root canal
- 3** Universal use for all direct and indirect indications



Step by step treatment



- 1**▶ The eXtra Performance of XP BOND was confirmed in numerous clinical and in-vitro investigations conducted by internationally renowned experts². XP BOND demonstrates impressive bond strength combined with excellent micro-leakage results and outstanding handling.
- 2**▶ Today's dentists are faced with many clinical situations where it is uncertain if enough light-energy can be applied to fully cure the adhesive layer. In these cases it is extremely helpful to have an adhesive that offers an effective self-cure mode. In combination with the Self Cure Activator XP BOND provides this benefit for a strong bond without any curing light.
- 3**▶ XP BOND is indicated for all direct restorations when used "solo". With the DENTSPLY Self Cure Activator, the indications include all kinds of indirect restorations, making XP BOND a truly universal adhesive.

- Light cure
- Dual cure
- Self cure



¹ In combination with Self Cure Activator and core-X™ flow.

² eg various articles in the Journal of Adhesive Dentistry (Volume 9, Supplement 2, 2007).

core·x™ flow

Dual Cure Core Build-up Material and Cement for Endodontic Posts

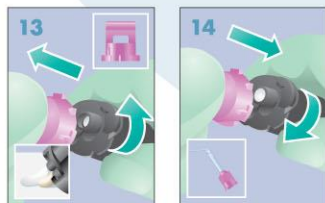
1 One product for core build-up and post cementation

2 Convenient automix syringe

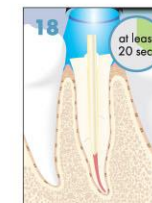
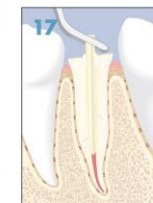
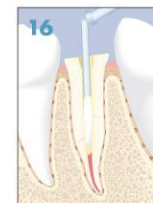
3 Speed of placement: high depth of cure



Step by step treatment



Specially designed for application in the root canal.
(Identical with AH Plus Jet™ Applicator Tip)



1 Two indications in one product (core build-up and post cementation) help to save time and additional expenses

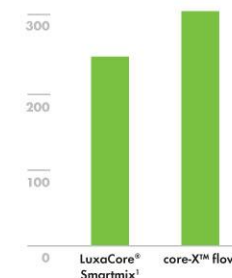
2 Automix guarantees consistent mix of material and predictable quality

3 Speed of placement with high depth of cure:
Light-cures in 20 seconds for 3mm



- High compressive strength ("Cuts like dentine")

Compressive Strength (Mpa) of Core Build-up Materials
Self Cure 37 °C @ 1 hour



- Dual cure mode
- Radiopaque: X-ray detection for monitoring
- Stackable viscosity for ease of placement

¹ LuxaCore Smartmix is not a registered trademark of DENTSPLY International, Inc.