

DENTSPLY Academy Product Tutorial DENTSPLY Core and Post System

The DENTSPLY Core and Post System is a Certified Treatment System (CTS) which means the relevant combination of products with proven compatibility for the placement of core build-ups and endodontic posts have been combined in one kit. The kit has been specially designed 'by dentists for dentists', to simplify the complex procedure of adhesive core build up and post placement. The systematic arrangement of products allows a fast and easy procedure. Included in the kit is Core-X™ flow, a new material that combines both indications of “post-cementation” and “core build-up” in one single product. Also included is the DeTrey® Conditioner 36, a blue-tinted gel containing 36% phosphoric acid for the etching of tooth enamel and conditioning of dentine prior to bonding with resinbased materials.

What is included in the Core and Post System?

Core-X™ flow:

- Two indications in one product (core build-up and post cementation) help to save time and additional expenses
- Automix syringe guarantees consistent mix of material and predictable quality
- Speed of placement with high depth of cure: Light-cures in 20 seconds for 3 mm
- High compressive strength (“Cuts like dentine”) and dual cure mode
- Radiopaque: X-ray detection for monitoring
- Stackable viscosity for ease of placement
- Compatible with dual-/self-cure adhesives (we recommend the use of Prime&Bond®XP with Self Cure Activator)

Prime&Bond®XP

- High bond strength and tight marginal sealing
- High technique tolerance resulting in excellent bond strength even if dentine is too dry or too wet
- Avoid fitting problems: Dark cure mode for indirect restorations when used with Self Cure Activator and Core.X-flow or Calibra
- Indicated for all direct and indirect restorations, no additional adhesive systems needed
- No need to pre-treat X-Post with silane
- Long working time: remains usable for 15 minutes in closed CliXdish
- Precise dispensing for less waste: up to 300 applications per 5ml bottle

X-Post™ / Radix Fiber Post:

- Dentine-like Elasticity: Parallel oriented glass fibers prevent fissures or fractures
- Minimal Dentine Removal - Tapered shape mimics the anatomy of the root canal
- Stable build-up - Microporous surface for better adhesion of cement
- Translucent & light conducting
- Excellent fatigue resistance
- High bond shear strength
- Radio opaque
- Compatible with all Dual Cure composite systems
- Full range of sizes



Accessories that are included in the kit (CliXdish™, Paper Points, Root Canal Applicator Tips, Mixing Pad, X-post preparation burs) complement this unique DENTSPLY system

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