

Nexus 2 Universal Luting System (Project 01-06) (9/01)

Nexus 2 is a two-paste, dual-cured cement that is used in conjunction with OptiBond Solo Plus dentin bonding agent for luting indirect restorations. Nexus 2 is packaged in the familiar plastic "tackle-box" made popular by SDS/Kerr. Four syringes of base paste are provided in shades Clear, White, White Opaque, and Yellow. A fifth shade (Brown) is available separately. Also included are one syringe each of high- and low-viscosity catalyst pastes and four shades of water-soluble, try-in paste. OptiBond Solo Plus bonding agent, phosphoric acid etchant, and silane solution are provided for pre-luting treatment of the restoration and prepared tooth.



Nexus 2 is recommended for the luting of: porcelain and resin veneers, inlays, onlays, and crowns; porcelain-fused-to-metal crowns and bridges; and posts. In addition to a detailed, multi-language, written instruction booklet, four graphics-containing summary instruction cards are provided.

Manufacturer:

Sybron Dental Specialties/Kerr
1717 W. Collins Avenue
Orange, CA 92867-9880
(800) 537-7123
(714) 516-7400
(714) 516-7633 FAX
www.kerrdental.com

Suggested Retail Price:

\$174.00 Nexus 2 Kit (product number 29708)
-four 3-g syringes of base paste (shades Clear, White, White Opaque, Yellow)
-two 3-g syringes of catalyst paste (low and high viscosity)
-four 3-g syringes of try-in paste (shades Clear, White, White Opaque, Yellow)
-one 5-mL bottle of OptiBond Solo Plus
-one 3-g syringe of Kerr Gel Etchant
-one 5-mL bottle of Silane Primer
-accessories

Government Price:

\$135.14 Nexus 2 Kit (product number and contents as listed above)

ADVANTAGES:

- + Has two viscosities for user preference.
- + Provided with try-in pastes.
- + Supplied with silane solution and a bonding agent that is fast, easy to use, and effective.
- + Acceptably-thin film thickness.
- + Working time is long enough that users can mix and use cement without rushing.
- + Setting time is relatively short, which minimizes post-cementation chair time.
- + No post-treatment sensitivity reported.
- + Adequately radiopaque for easy detection on radiographs.
- + Users found the cement's four shades adequate for most clinical cases they treated.
- + Excess marginal cement was easy to remove.
- + Try-in pastes were beneficial in checking shade prior to luting.
- + Expiration dates and lot numbers are provided for all items in kit.
- + Recommended storage conditions listed on box.
- + Written instructions are detailed and describe product use very well.
- + Comes with excellent graphics-containing instruction cards.

- + Provided with color-coded applicator tips for silane and bonding agent.
- + Packaged in compact, portable "tackle box."

DISADVANTAGES:

- Fifth available shade must be purchased separately.
- Material Safety Data Sheet (MSDS) is not included in kit.

SUMMARY AND CONCLUSIONS:

Nexus 2 Universal Luting System was very well received by the clinical evaluators. They found the instructions complete and the product user-friendly. Importantly, it contained all the components necessary for use. Its compact packaging and OptiBond Solo Plus bonding agent were rated highly by users. Nexus 2 performed well in the laboratory: it had an acceptably-thin film thickness, appropriate working and setting times, and was adequately radiopaque. Esthetically, the cement performed well because of its four shades and corresponding try-in pastes. Because of its compact packaging, ease of use, inclusiveness, and esthetics, **Nexus 2 Universal Luting System** is rated **Recommended** for use by the federal dental services.