Your Everyday PANAVIA™ Improved!

PANAVIA® SA Cement Plus
Automix / Handmix

A Self-Adhesive Resin Cement with the Features of Glass Ionomer and Kuraray’s Legendary Adhesive Technology

- Fast & Easy Clean-Up
- New Chemistry for Stronger Bonds & now with Room Temperature Storage
- Choice of Automix and Handmix
- Fluoride-releasing
- Shade Selection includes Translucent, Universal and White

Original MDP Adhesive Monomer

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Since 1983, with the introduction of PANAVIA EX resin cement & the original MDP adhesive monomer, Kuraray has provided innovative & exceptional adhesive technologies that have improved the quality of adhesion dentistry.

Now we present PANAVIA SA Cement Plus\(^1\); a self-adhesive, dual-cure, fluoride-releasing resin cement upgraded from the original award winning, PANAVIA SA Cement.

### NEW CATALYST CHEMISTRY PROVIDES:

1. **Stronger Shear Bond Strengths**
   
   New PANAVIA SA Cement Plus\(^1\) has approximately 35% increase in dentin bond strength and approximately 15% increase in enamel bond strength as shown in durability testing.

2. **Stable Room Temperature Storage**
   
   Refrigeration is no longer necessary. PANAVIA SA Cement Plus\(^1\) has a stable 3-year shelf-life at room temperature (36-77°F).

3. **Faster Light-curing Time (10 seconds)**
   
   A new Radical Amplifier increases the rate of polymerization, shortens the light-curing time, and increases the bond strength.

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\(^1\) Denotes both PANAVIA SA Cement Plus Automix and PANAVIA SA Cement Plus Handmix.

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### YOUR EVERYDAY PANAVIA

PANAVIA SA Cement Plus\(^1\) is a dual-cure, self-adhesive resin cement with a unique, fluoride-releasing mechanism that is available in convenient automix or economical handmix syringes.

PANAVIA SA Cement Plus\(^1\) provides an outstanding level of adhesion to enamel, dentin, metal, lithium disilicate and zirconia. Bond strengths are virtually unaffected by the dryness or wetness of the tooth structure. These high bond strengths, in combination with its very low water absorption rate, leads to long-lasting marginal integrity for your restorations.

This reliable, self-adhesive cement offers a unique catalyst-controlled setting mechanism which provides an easier clean-up technique with shorter chair-time and reduces the possibility of damaging the gingiva.
CHEMICAL BONDING TO ZIRCONIA:

Multiple research studies over the past 20-years have shown that obtaining a strong, durable bond to zirconia can be difficult. PANAVIA SA Cement Plus1, with its high concentration of MDP, bonds to zirconia chemically as well as micro-mechanically, which provides you with additional strength and comfort. The graph below illustrates this point by showing the bond strength results if zirconia is only ground with #1,000 grit silicon carbide paper instead of sandblasting.

**EXCEPTIONAL ZIRCONIA BOND STRENGTHS**

Systematic Review of Adhesion Studies on Zirconia* Based on Research gathered over 15 years:

"...regardless of the conditioning methods, MDP-monomer based cements presented the most favorable bond values compared to those of other resin cements.

Photos courtesy of Dr. Kato, Takanawa Dent.
**PANAVIA SA Cement Plus** can be used with all current popular materials:

- Zirconia (e.g. Zirprime, KATANA Zirconia, BruxZir* Solid Zirconia)
- Feldspathic porcelain
- Lithium disilicate (e.g. IPS e.max*)

*Not a trademark of KURARAY Co., Ltd.

CEMENTATION OF CROWNS

1. Place the crown.
2. Light-cure for 2 to 5 seconds or chemical-cure for 2 to 4 minutes, then remove the excess cement.
3. Maintain isolation for 5 minutes.

CEMENTATION OF POSTS

1. Apply over the entire adherent surface of the post, or the entire tooth surface within the cavity.
2. Place the post quickly into the cavity, slightly vibrating it to prevent air bubbles from entering the root canals.
3. Spread the excess paste over the coronal base and post head. Light-cure the margins of the post.
4. Place the core buildup composite resin.*

ORDERING INFORMATION

**PANAVIA SA Cement Plus Automix**
- #3382KA Universal (A2)
- #3383KA White
- #3384KA Translucent
  - Content: 1 syringe:
    - Paste A and B: 8.0 g (4.6 ml)
    - Mixing Tip: 20 tips

**PANAVIA SA Cement Plus Automix: VALUE KIT**
- #3385KA Universal (A2)
- #3387KA Translucent
  - Content: 3 syringes:
    - Paste A and B: 8.0 g (4.6 ml)
    - Mixing Tip: 2 x 20 tips
    - Endo Tip (SS): 10 tips

**PANAVIA SA Cement Plus Handmix**
- #3352KA Universal (A2)
- #3353KA White
- #3354KA Translucent
  - Content: 1 syringe:
    - Paste A and B: 9.3 g (5.0 ml)

*Not a trademark of KURARAY Co., Ltd.

*Denotes both PANAVIA SA Cement Plus Automix and PANAVIA SA Cement Plus Handmix

**ENDO TIP**

- #3392KA
  - Content: 10 tips

**ORDERING INFORMATION**

- **PANAVIA SA Cement Plus Automix: Accessories**
  - #3391KA Mixing Tip (20 PCS)
  - #3392KA Endo Tip (SS) (20 PCS)

Warranty: Kuraray Noritake Dental Inc. will replace any product that is proved to be defective. Neither Kuraray Noritake Dental Inc. nor the distributor accepts liability for any loss or damage, direct, consequential or special, arising out of the application or use of or the inability to use these products. Before using, the user should determine the suitability of the products for the intended use and the user assumes all risk and liability whatsoever in connection therewith. PANAVIA™ SA Cement Plus and Kuraray Noritake Dental inc. products are available only through Kuraray Authorized dealers. "KATANA" and "Zirprime" are trademarks of NORITAKE CO., LIMITED. "CLEARFIL" and "PANAVIA" are trademarks of KURARAY Co., Ltd.