



35
PREV
EVALS

11
YEARS
EXP

I like the shape, angle, and length of the tip of the capsules.

Roger Urlaub, DDS
Raleigh, NC



15
PREV
EVALS

47
YEARS
EXP

Great viscosity, great polish, excellent delivery.

Jeffrey Levin, DDS
Richmond, VA



14
PREV
EVALS

4
YEARS
EXP

Achieved very good results and decreased sensitivity.

Reena Gupta, DDS
San Jose, CA

ZENDO

Select Flow LC Capsules

4.1



Light-cure flowable microhybrid composite combines optimal handling and ease of use with exceptional strength and esthetics.

Finding a composite that flows easily into the areas where needed and then stays where it's placed can be a delicate balance. That is why many of our evaluators were eager to try Zendo's Select Flow LC in their practices. The material is formulated with the consistency that ensures optimal handling and placement while putting an end to uncontrollable flow, according to the manufacturer.

"I was able to place the flowable exactly where I wanted into the box without voids!" shared New York dentist Benjamin Schwartz, describing a case where he used Select Flow in a deep Class II restoration. Saying it was easy to place the flowable material, Dr. Schwartz lauded Select Flow for improving his chairside experience. "[It] can be precisely placed due to the small cannula attached, and it dispenses nice and smoothly," he added.

Dispensing and Handling

Select Flow is available in syringes and .25g capsules. Our evaluators used the capsules during the multi-week test period. According to Zendo, Select Flow's ideal viscosity and thixotropic behavior make the material easy to handle and place, and the dentists who participated in this review shared many positive comments about its dispensing and handling.

Select Flow allowed for easier access due to the long, thin tip, Dr. Schwartz noted. "I love the thin capsule and ease of use. It is easy to handle since it works with my existing composite gun," he added. Dr. Roger Urlaub liked the shape, angle, and length of the capsule tip but suggested a larger diameter of the snap-in end. He said he was able to avoid



occluding the gingival margin because he could control the placement with the applicator tip and an explorer. Dr. Reena Gupta said Select Flow is so easy to use that she had time to see more patients.

When asked about handling, Dr. Paul Trombly said he liked the internal and marginal adaptation, and Dr. Gupta, who was looking for flowable consistency and ease of use, said Select Flow "achieved both with very good results and decreased sensitivity." Dr. Urlaub was hoping to find "a flowable composite resin that did not move or run when placed but could be manipulated to [the] position as I saw fit." He said Select Flow did this very well. "[It was] very nice to use the flowable as a blockout resin on proximal boxes and prepped walls without it running onto the gingival margin," he added. Dr. Michael Pavelchek found that the composite flowed easily into all line angles, but suggested a higher viscosity version for Class V restorations.

takeaways

- Flows easily and stays where it's placed.
- Ideal for Class III, IV, and V restorations, and as a cavity liner and pit and fissure sealant.
- Nano fillers reduce shrinkage and ensure excellent marginal seals.
- Decreases postop sensitivity.
- Produces excellent esthetic results.



Benjamin Schwartz, DDS, New York, NY

"I WAS ABLE TO PLACE THE FLOWABLE EXACTLY WHERE I WANTED INTO THE BOX WITHOUT VOIDS!"

Strength and Versatility

Select Flow is a versatile composite for Class III, IV, and V restorations, and can also be used as a cavity liner and a pit and fissure sealant. Formulated with high flexural (122 MPa) and compressive strength (330 MPa), Select Flow's high abrasion resistance and optimal hardness ensure lasting restorations. The use of nano fillers contributes to the material's low (3.2%) polymerization shrinkage and excellent marginal seal, reducing the risk of fracture and secondary caries while minimizing postop sensitivity.

Dr. Jeff Levin called Select Flow efficient, durable, and reliable, and Dr. Urlaub said, "It is a very good blockout resin with good handling characteristics for various applications." Describing the material as great for sealing post-endo pulp chambers and for minimally invasive pit and fissure caries, Dr. Pavelchek said his patients experienced decreased postop sensitivity. Dr. Mihaela Popa, who used Select Flow in a sandwich technique, said she used it as a sealant and that it made a great cavity liner.

Esthetics

Dr. Gupta said Select Flow is very easy to use and has great esthetics. She used the composite in a pediatric case involving 5 buccal fills on the right side and additional fills on the left. After the procedure, the child's mother "was amazed to see the results and couldn't even make out that it was not natural teeth she was looking at," said Dr. Gupta.

Select Flow's low surface roughness combined with optimal fluorescence, natural brilliance, high-gloss polishability, and large selection of shades and translucencies (A1, A2, A3, A3.5, B1, OA2, BL) enhance esthetic results, according to Zendo. Dr. Urlaub said its opacity is good for masking out darker dentin and amalgam-stained dentin prior to esthetic restorations. He also said the depth of cure is very good and suggested that a more translucent version would be a good addition.

Overall Satisfaction

Most of the dentists who participated in the evaluation of Select Flow said they would recommend the product to colleagues, including Dr. Levin, who summed up his experience by saying, "Great delivery system, great viscosity, great polish. I always recommend a good product."

Dr. Popa also recommended the product, adding, "Select Flow makes restorative [procedures] easier and faster."

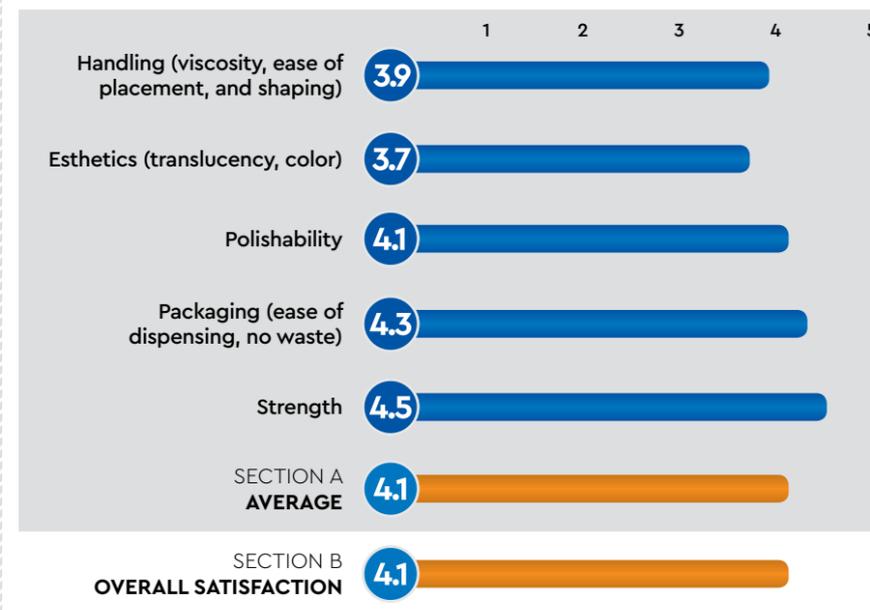


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PRODUCT EVALUATION SNAPSHOT

CRITERIA BASED ON AVERAGE SCORE (OUT OF 5)



ZENDO
SELECT FLOW LC
CAPSULES

FINAL SCORE
AVERAGE OF SECTIONS A AND B

4.1

