

REALITY NOW

RATINGS & REVIEWS | practical • unbiased • trusted
35TH anniversary | number 315

The Ratings | Composites — Flowable — Light-Cured — Conventional

Aura Easyflow

Manufacturer

SDI

<http://www.sdi.com.au/au/>

Prices

Introductory Syringe Kit

\$195.50/8g (\$24.38/g)

Refills

Syringes

\$51.71/2g (\$25.86/g)

Tips (20)

\$124.12/4g (\$31.03/g or \$6.21/tip)

Shelf Life

3 years

Raves & Rants

- ✓ Viscosity works for most types of uses
- ✓ Almost perfect fluorescence
- ✗ No incisal shade
- ✗ No opaque shade



2021

REALITY

RATINGS & REVIEWS

Four Star Award



★★★★☆ 4.3

Introduction/ Manufacturer's Claims

Flowable composite that is the companion to the sculptable composite with the same name. It is stated to have "optimal flow for cavity adaptation", excellent radiopacity, high compressive strength, "ideal flexural modulus for Class V", and stable esthetics over time. It is recommended for all classes of restorations.

Type

Nanohybrid.

Filler Content

Weight	56%
Volume	32%

Average Particle Size (μ)

0.2-1.0

Dispensing

Syringes and preloaded tips (Complets).

Consistency and Handling

Most (54%) evaluators thought it was just OK — about the same as other flowables, while 40% liked the way it handles and 6% felt it was too sticky. Some comments:

- Very nice consistency.
- Perhaps a bit better than other flowables.
- Not too sticky.
- Good viscosity, flows well.
- Perfect consistency for class 2 proximal box floors.
- Enjoyed the ease of application.
- The consistency of the material is adequate for cervical lesions, however in other cases, it is hard to keep the material stable before curing.
- Some of my restorations had a "bubble" or porosity inside them. These porosities, which were detected on x-rays, were not present on the surface.

- Drips out of tip. Consistency not bad. Good flow for handling.
- Did not notice a significant difference between it and other flowables I use.

Flow

Shade	Flow
Ae1	4.0
Ae2	5.0
Ae3	4.0
Ae4	4.5

The four shades have slightly different flow characteristics. If you want less flow and the shade doesn't matter, choose Ae2.

Porosity

Most evaluators (73%) reported virtually no surface voids, while the other 27% found only a few voids after polishing. Some comments:

- Nice surface. Easy and fast to finish.
- When controlling the radiopacity, I was surprised by the number of voids inside the material.
- Very few – no real complaints.
- Although I tried to keep the material stable during injection, I did not notice voids.
- Good surface. No voids.

Curing Time for Gingival Wall Increment

Cure time	Cure % (gingival compared to occlusal)
20s	60
40s	86



Working Time under Dental Unit Light

30 seconds.

Shades

4 (Ae1, Ae2, Ae3, Ae4). As the numbers increase, the chroma also increases. This means Ae1 is substantially lighter and less saturated with hue compared to Ae4. The shade range comes close to A1/B1 to A3.5/B4.

Most (68%) evaluators found the four shades to be adequate, while the other 32% needed more shades. Some comments:

- They should try to move to 1 shade like Tokuyama.
- Need some bleach shades.
- I would like a B-1 or a lighter shade for a few circumstances.
- D shades would be nice.
- Just one - Omnicroma-like shade.
- I put flowable under restorations, so it's not really visible anyway.

Most (59%) evaluators thought the four shades came close or very close to the Vita shades in the A/B range, while 23% found that some match but others do not and 18% were not sure. Some comments:

- I would say "close" not "very close".
- Most pretty close.
- Didn't always match – depended on type of restoration.
- They are close enough for my needs.

The lack of bleach shades was not considered to be a major omission by most (55%) evaluators, while the other 45% needed at least one bleach shade. Some comments:

- Demand for bleach shades is greatly over-rated, particularly after the teeth have had a chance to restain somewhat.
- I would rather go for an opaquer.
- In core restorations an opaque bleach shade is handy to block out dark tooth structure. Also a bleach shade is handy for anterior restorations.

- Occasionally I will repair a minor incisal edge or direct facial/incisal enamel chip with flowable, so I need to have access to a bleach shade.
- I put flowable under restorations, so it's not really visible anyway.

For anterior esthetics, half of the evaluators found it to be acceptable but not outstanding, 27% thought it was really nice and blended well into tooth structure, and 23% never used it anteriorly. Some comments:

- Not ideal like Omnicroma.
- Works well on cervical lesions.
- Chameleon effect is nice.
- Used it in a challenging facial defect #8 and #9 and it worked better than conventional composite.

For posterior esthetics, most (59%) evaluators found it to be really nice and blended well into tooth structure, 36% thought it was acceptable but not outstanding, and 5% never used it posteriorly. Some comments:

- Perfectly acceptable for posterior teeth.
- Used it for small cavities and as liner.
- I only use it as the base and under standard composites to fill voids.
- No complains except on a very dark stained area on a tooth I am trying to block out.
- I got good esthetic results for class Vs for posterior abfractions.
- I used the material not in complicated cases but in general the material was successful in the posterior region.

Translucency/Opacity (T/O)

Shade	T/O rating (%)
Ae2	64.2
Ae4	64.0

This level of translucency/opacity shows it is good for a body shade, which should work just fine for posterior use and Class V, but not opaque enough for through-and-through preps and not translucent enough for incisors.

Half of the evaluators were not able to consistently block-out darkness from the back of the mouth due to the lack of an opaque version, while 14% were able to do so and 36% never restored a through-and-through prep with this material. Some comments:

- Depended on the thickness. I typically needed approximately 2mm for an effective blackout.
- I think that it needs an opaquer.
- Opaquer shade would be handy.
- Blocking out a real dark stain may be difficult.
- I found that for larger Class IIIs I was not able to completely and consistently block out the darkness.
- The material is able to block out darkness from the back of the mouth. Since I am a traditional clinician, I have hesitations about using flowables in complicated cases. Therefore the cavities I used the material were not so wide. But I could provide required esthetics and actually I am surprised to see this. I did not have chance to note the follow up results because of pandemic. No patients returned meanwhile with any complaint.
- Really depends on the thickness. Most were ok, but one that was a little thicker looked a little gray.
- It was too translucent for me.

Due to the lack of a translucent incisal version, 46% of the evaluators were not able to consistently simulate incisal translucency when restoring a Class IV, while 4% were successful and 50% never restored a Class IV prep with this material.

Shade Guide

None specific for this product. You are told to use the shade guide for its sculptable namesake.

Radiopacity

All evaluators thought its radiopacity was about right.

Fluorescence

Excellent, with Ae2 appearing virtually the same as natural teeth under black light.

Finishing and Polishing

Polisher	Matches Enamel Gloss
Astropol	Yes
PoGo	Close

Most (64%) evaluators considered it easy to polish to an enamel-like gloss, while 32% were only able to come close to an enamel-like shine and 4% were not able to come close. Some comments:

- I used the flowable in a few core restorations and found polishability fairly good.
- Polished very nicely.
- Very nice and easy finish.
- Above average.
- Very nice polishability.
- Following the manufacturer’s instructions regarding polishing is very important to receive the required glossy surface.
- Not bad actually.
- Good polish.
- My only problem was the matte appearance of the material at the beginning. When I re-read the instructions and followed the steps for polishing and finishing, using low speed and unidirectional polishing without water, I obtained better results.

Packaging

The Syringe Kit comes in a white, plastic case sealed with labels that also include product identification and manufacturing and expiration dates. This plastic case is inside a slide-off, cardboard sleeve that has product

identification on three sides. The case and sleeve are shrink-wrapped for extra security.

Inside the plastic case, the tuberculin-like syringes are secured in a divided white plastic tray. The syringe labels include the shade designation and the expiration date.

Most (77%) evaluators thought the syringes were similar to others, while the other 23% found them to be exceptional. Some comments:

- Comfortable.
- Same as the rest.
- Standard syringe.
- Just like most of the others.
- I loved the thin body of the syringes. Very convenient.
- Nothing new.

The Complet tips refills come in small, unsealed cardboard boxes with the product name printed on the top and front, and a label on the back displaying both the manufacturing and expiration dates. Inside are the tips in a recloseable plastic bag. The tips are blue with blue caps. Each tip is imprinted with the product name and shade, but the black print is hard to read. The plastic noses on the tips are long and thin, facilitating dispensing into deep preps.

Most (77%) evaluators thought the tips were similar to others, while the other 23% found them to be exceptional. Some comments:

- Might be a bit long and hard to position in difficult areas.
- Tips are tips.
- Standard tips.
- I found the thin tips to be really good.
- Pretty typical.
- I loved the tips and the injecting comfort of the material.

- Well designed.
- Nothing new.
- These were really easy to use in even difficult access sites.

Most (96%) evaluators thought the kit was adequate but nothing special, while 4% found it to be exemplary. Several evaluators were critical of the plastic case and tray not being “green”.

Directions

The multi-lingual directions are on plain paper sheets in the annoying foldout format. There are no photos and illustrations, but the information itself is clear, easy to understand, and fairly typical for a flowable.

There is also a double-sided, plastic-coated technique card with color illustrations on placement. One side of the card, however, summarizes the steps for Zipbond, SDI’s new bonding agent.

Most (86%) evaluators thought the directions were adequate but nothing special, while 9% found them to be exemplary and 5% were not impressed.





Strengths

Simplified shading system could make your life easier. Shades have body level translucency/opacity, which is a logical compromise for one layer of color. Simple good handling. Easy to use and manipulate. Adapts well to prep walls. Good polishability. Minimal voids. Exceeds 80% cure goal in proximal box, but requires 40 seconds. Good radiopacity. Fluorescence is excellent. Available in tips and syringes.

Weaknesses

Only four shades do not include enamel, dentin, incisal, or bleach shades. Does not have the range of opacities needed for through-and-through and incisal edge restorations. Short working time. One evaluator found internal porosities on radiographs.

BOTTOM LINE

Easy to use flowable for routine restorations, but it probably won't be the best option for complex restorations in demanding patients.

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SDI | AURA EASYFLOW

ULTRA UNIVERSAL RESTORATIVE MATERIAL



4

EASY SHADES

SMART
FEATURES FOR
EVERY LAYER
OF USE

EASY SHADE MATCHING

EASY SHADE MATCHING

Aura Easyflow is designed with four unique shades to simplify colour selection in esthetic zones and enable better inventory management. Shade selection is simplified by three methods:

1. Shades are arranged according to chroma, from weaker intensity to higher intensity of color.
2. Shades are equidistantly spaced, creating visual logic to the eye.
3. Shades have a single opacity, making it easier to predict the final esthetic of the restoration.

Four unique Aura Easyflow shades cover 8 VITA® A1-B4® shades, enabling an easy switch from traditional shading systems.

ae1	ae2	ae3	ae4
A1/B1	A2/B2	A3/B3	A3.5/B4

Approximate equivalence to VITA® classical shade guide

OPTIMIZED OPTICAL PROPERTIES

Aura Easyflow contains the same optical properties as Aura, Aura Easy and Aura Bulk Fill. The development of Aura Easyflow completes the Aura composite range to provide a restorative material for every direct clinical use.

Aura Easyflow's filler and resin technology is specially tailored to display a chameleon effect. There is an optimal blend of translucency, opacity, opalescence and fluorescence to mimic that of an unrestored, natural tooth.

KEY FEATURES

Established nanohybrid filler system

Optimal flow for cavity adaptation

High visibility on radiographs

Strong mechanical properties

Easy shade matching

Optimized optical properties

Stabile esthetics over time