

# Composites



Vit-l-escence

Vit-l-escence Singles

Vit-l-escence Colors

Amelogen Plus

Amelogen Plus Singles

PermaFlo

PermaFlo Pink

Composite Wetting Resin

Ultradent IPC Carver



**Vit-I-escence®**  
**Syringes and Singles**  
 ESTHETIC RESTORATIVE MATERIAL



- Reproduces natural dentin and enamel exquisitely
- Performs well for anterior and posterior restorations
- Is both creamy and sculptable
- Polishes beautifully
- Matches shade guide perfectly

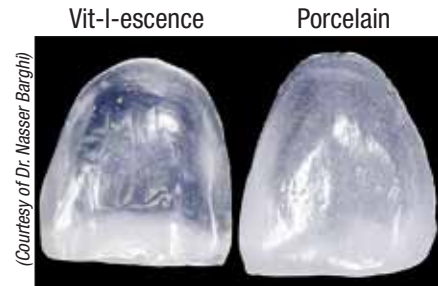
Vit-I-escence is an esthetic composite system that features the fluorescent and opalescent qualities of natural tooth structure. It is a Bis-GMA-based, radiopaque micro-hybrid system with an average particle size of 0.7µm\*. The all-composite shade guide contains uniquely shaped tabs to assist in the most refined layering and shade selection possible. Low-translucency, highly fluorescent dentin shades combined with high-translucency, opalescent/translucent enamel shades facilitate superior reproduction of natural teeth.

**Uses**

Vit-I-escence is ideal for creating artistic anterior composite restorations, including direct veneers. Its strength and wear resistance also make it perfect for posterior restorations.

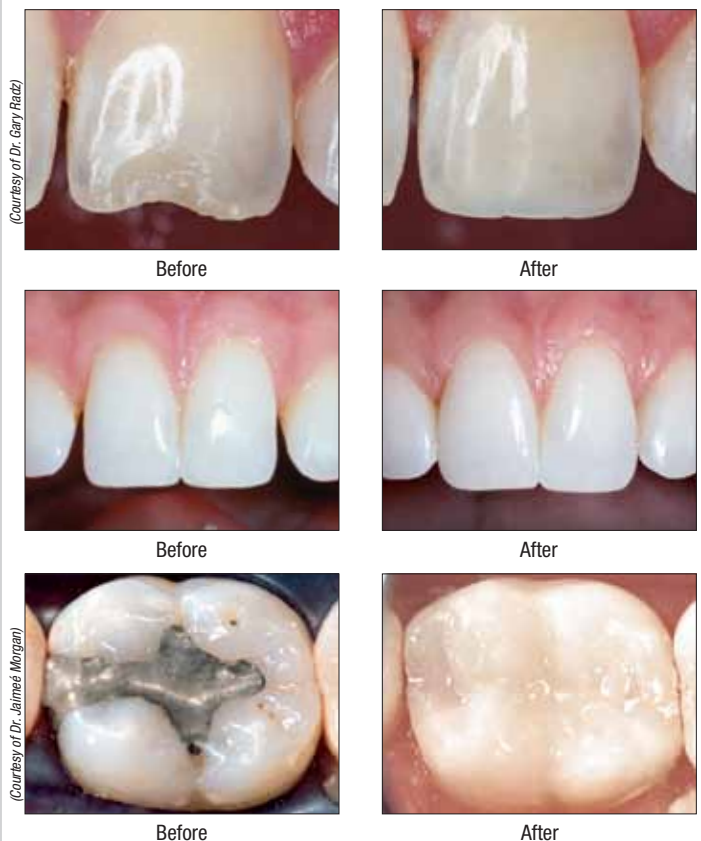
\*Dependent on modality for particle size measurement. 1 [www.realityesthetics.com](http://www.realityesthetics.com)

**Natural Enamel Opalescence and Dentin Fluorescence**



Vit-I-escence can even be more translucent than porcelain.

**Anterior Esthetics,  
 Posterior Strength and Durability**



# In a simple technique, Vit-I-escence allows you to layer enamel shades over dentin shades, creating the most life-like restoration possible

Shade Selection Guide

WITHIN THE SHADE SELECTION COLUMNS, THE NUMBER "1" IS THE HIGHEST VALUE

**STEP 1: SELECT HUE**

Hue is the wavelength of reflected light as determined by the dentin shade. Identify the hue at the gingival third of the tooth and choose the best dentin shade, accordingly.

**STEP 2: ESTABLISH CHROMA**

Chroma is the level of saturation. Identify the level of saturation at the middle third of the tooth. This may be the same dentin shade determining hue or could be an additional 1 or 2 dentin shades.

**STEP 3: DETERMINE VALUE**

Value is overall brightness or whiteness, lightest to darkest  
 Young Dentition = High Value - Pearl Neutral or Pearl Frost  
 Mature Dentition = Low Value - Pearl Smoke or Pearl Amber

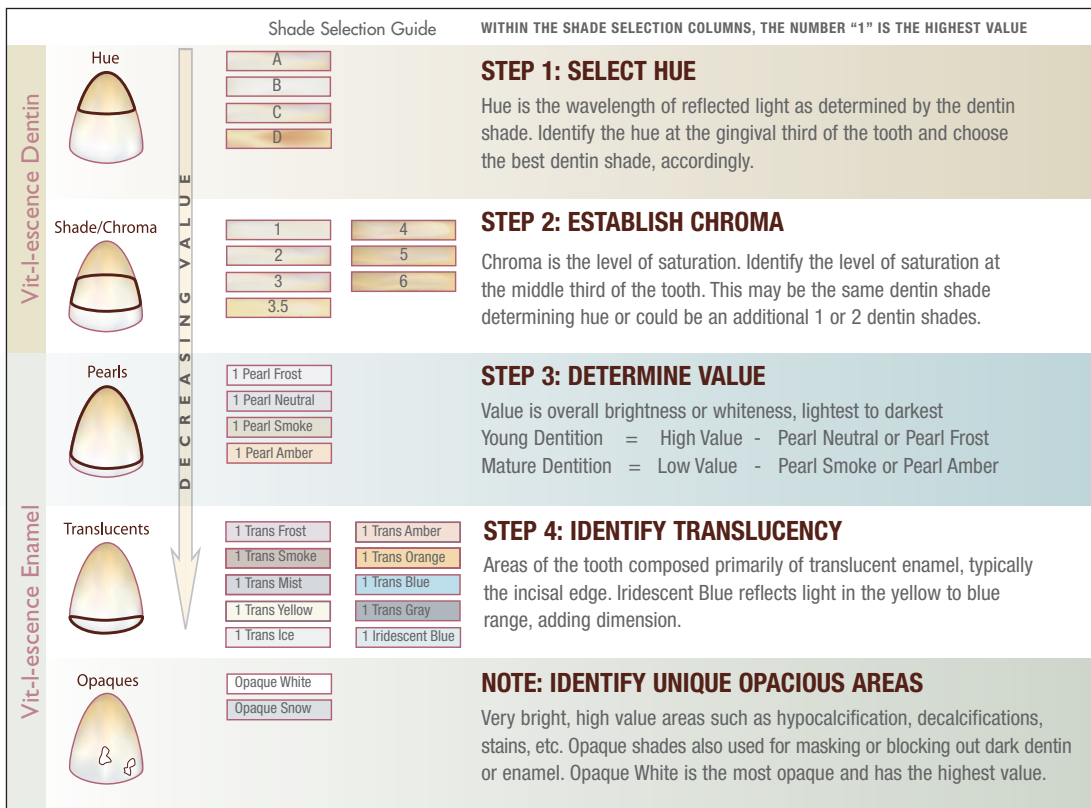
**STEP 4: IDENTIFY TRANSLUCENCY**

Areas of the tooth composed primarily of translucent enamel, typically the incisal edge. Iridescent Blue reflects light in the yellow to blue range, adding dimension.

**NOTE: IDENTIFY UNIQUE OPACIOUS AREAS**

Very bright, high value areas such as hypocalcification, decalcifications, stains, etc. Opaque shades also used for masking or blocking out dark dentin or enamel. Opaque White is the most opaque and has the highest value.

Vit-I-escence Dentin



Vit-I-escence Enamel

## Vit-I-escence Master Layering Technique



1. For Class IV restorations, veneers, or diastema closures, Ultradent recommends a silicon putty matrix fabricated from diagnostic wax-up.



2. Use matrix as a guide for the basic shape of the restoration, and to support the initial lingual placement of material.



3. Use a thin layer of Opaque Snow to establish lingual contour and prevent show-through. This is not necessary if tooth structure exists on lingual wall.



4. Inner dentin body layer includes the basic hue of the exposed dentin. If this is A2, an A5 would be applied at the cervical and an A4 towards the incisal. Cure and apply basic hue (A2). Create mamelons using a carver.



5. Cover body and extend enamel edge with appropriate translucent shade. To achieve a "halo" (white line at the incisal edge), place a thin roll of Pearl Frost or Opaque Snow.



6. Make final adjustments with multi-fluted finishing burs. Use Jiffy cups, points, and disks for smoothing. Polish with Jiffy HiShine.

**#500 - Vit-I-escence Masters Kit — 24 shades**

- 1 - 2.5g syringe of each Dentin shade: A1, A2, A3, A3.5, A4, A5, B1, and B2
- 1 - 2.5g syringe of each Enamel shade: Opaque White, Opaque Snow, Pearl Frost, Pearl Neutral, Pearl Amber, Pearl Smoke, Trans Frost, Trans Mist, Trans Smoke, Trans Blue, Trans Orange, Trans Gray, Trans Ice, Trans Yellow, Trans Amber, and Iridescent Blue
- 1 - each 1.2ml PermaFlo A4 and Translucent syringes
- 1 - Masters shade guide
- 1 - Full size syringe organizer
- 1 - Quad key
- 20 - Micro 20ga tips

**NOT AVAILABLE IN ALL COUNTRIES**



Shelf Life: 24 months. Refrigerated.

**#515 - Vit-I-escence Advanced Kit — 14 shades**

- 1 - 2.5g syringe of each Dentin shade: A1, A2, A3, A3.5, A4, A5, and B1
- 1 - 2.5g syringe of each Enamel shade: Opaque Snow, Pearl Frost, Pearl Neutral, Pearl Amber, Pearl Smoke, Trans Mist, and Iridescent Blue
- 1 - each 1.2ml PermaFlo A4 and Translucent syringes
- 1 - Advanced shade guide
- 1 - Full size syringe organizer
- 1 - Quad key
- 20 - Micro 20ga tips

**NOT AVAILABLE IN ALL COUNTRIES**



Shelf Life: 24 months. Refrigerated.

**#5016 - Vit-I-escence Essentials Kit — 9 shades**

- 1 - 2.5g syringe of each Dentin shade: A1, A2, A3, and B1
- 1 - 2.5g syringe of each Enamel shade: Opaque Snow, Pearl Frost, Pearl Neutral, Trans Mist, and Iridescent Blue
- 1 - each 1.2ml PermaFlo A4 and Translucent syringes
- 1 - Essentials shade guide
- 1 - Half size syringe organizer
- 1 - Quad key
- 20 - Micro 20ga tips

**NOT AVAILABLE IN ALL COUNTRIES**



Shelf Life: 24 months. Refrigerated.

**Vit-I-escence Syringe Refills**

- |             |                          |
|-------------|--------------------------|
| #358 - A1   | #1182 - Opaque White™    |
| #343 - A2   | #1183 - Opaque Snow™     |
| #344 - A3   | #443 - Pearl Frost™      |
| #356 - A3.5 | #1184 - Pearl Neutral™   |
| #360 - A4   | #1185 - Pearl Amber™     |
| #362 - A5   | #1186 - Pearl Smoke™     |
| #408 - A6   | #1187 - Trans Frost™     |
| #409 - B1   | #482 - Trans Mist™       |
| #418 - B2   | #485 - Trans Smoke™      |
| #421 - B3   | #1188 - Trans Blue™      |
| #422 - B4   | #1189 - Trans Orange™    |
| #423 - B5   | #478 - Trans Gray™       |
| #426 - C1   | #479 - Trans Ice™        |
| #435 - C2   | #486 - Trans Yellow™     |
| #439 - C3   | #499 - Trans Amber™      |
| #440 - C4   | #1317 - Iridescent Blue™ |
| #441 - C5   |                          |
| #442 - D3   |                          |

1 - 2.5g syringe

**NOT AVAILABLE IN ALL COUNTRIES**



Shelf Life: 60 months. Refrigerated.

**Optional KleenSleeve™ QuadraSpense®**



Facilitates removal of small amounts of material.



**Quad Key**

Use to remove the white quad flanges on the Vit-I-escence syringe to create an open bore delivery barrel if desired.



Vit-I-escence shades are identifiable both on the barrel and the stems.



*"I use Composite Wetting Resin instead of a bonding agent to facilitate adaptation of composite. Bonding agents often contain acetones or alcohols that can cause the resins and fillers in the composite to separate, which weakens the surface of the restoration. They also may change the composite's shade after curing."*  
 DR. JAIMEE MORGAN – SLC, UT

### #1195 - Vit-I-escence Singles Kit — 10 shades

- 1 - 0.3g compule of each Dentin shade: A1, A2, A3, A3.5, and B1
- 1 - 0.3g compule of each each Enamel shade: Pearl Frost, Pearl Neutral, Pearl Amber, Pearl Smoke, and Opaque Snow
- 1 - Shade guide

**NOT AVAILABLE IN ALL COUNTRIES**



Shelf Life: 60 months. Refrigerated.

### Vit-I-escence Singles Refills

- |              |                          |
|--------------|--------------------------|
| #1219 - A1   | #2238 - Opaque White™    |
| #1202 - A2   | #1212 - Opaque Snow™     |
| #1203 - A3   | #1196 - Pearl Frost™     |
| #1204 - A3.5 | #1197 - Pearl Neutral™   |
| #1220 - A4   | #1210 - Pearl Amber™     |
| #2230 - A5   | #1198 - Pearl Smoke™     |
| #2231 - A6   | #2239 - Trans Frost™     |
| #1205 - B1   | #2240 - Trans Mist™      |
| #1223 - B2   | #2241 - Trans Smoke™     |
| #2232 - B3   | #2242 - Trans Blue™      |
| #2233 - B4   | #2243 - Trans Orange™    |
| #2234 - B5   | #2244 - Trans Gray™      |
| #1227 - C1   | #2245 - Trans Ice™       |
| #1228 - C2   | #2246 - Trans Yellow™    |
| #1229 - C3   | #2247 - Trans Amber™     |
| #2235 - C4   | #2248 - Iridescent Blue™ |
| #2236 - C5   |                          |
| #2237 - D3   |                          |

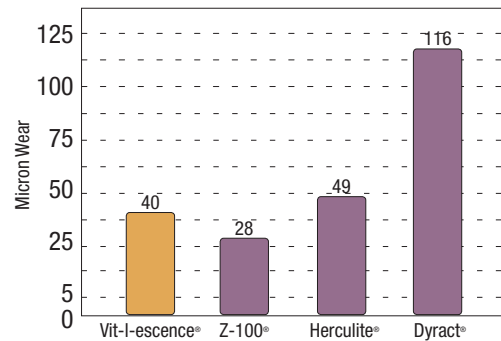
10 - 0.3g compules

**NOT AVAILABLE IN ALL COUNTRIES**



Shelf Life: 60 months. Refrigerated.

### Composite Wear



Average µm wear per 200,000 revolutions.  
 ACTA research report, May–June 1996, Dr. C.L. Davidson, A.J. de Gee, and A. Werner, Dept. of Dental Materials, Science.

*"As a 30-year vet of trying to make anterior restorations look like teeth and having tried all the 'latest and greatest' new composites over this time, I have found Vit-I-escence to be the only composite with which I can predictably achieve my goal."*  
 DR. JACK MULLEN – ROCKY MOUNT, NC

*"The ability to match various shades and nuances of natural teeth has given me the tools to produce results I would not have believed possible. This product alone raised my skill level at least two notches higher."*  
 DR. HARPER JONES II – PENDLETON, OR

*"Just the right amount of translucency and pearliness allows invisible blending on enamel margins for posterior restorations. Combined with the easy handling and finishability of your Vit-I-escence products, these shades are truly 'pearl' precious and beautiful."*  
 DR. MARYANN PITTMAN – SAINT PETERSBURG, FL

*"With Vit-I-escence, I can do Class IV restorations that are indistinguishable from natural teeth. What a great product!"*  
 DR. SARAH BALSER – COLUMBUS, OH

### #5026 - Light Dentin Shade Guide — 8 shades

A1, A2, A3, A3.5, B1, B2, B3, C1

### #5027 - Dark Dentin Shade Guide — 8 shades

A4, A5, B4, C2, C3, C4, C5, D3

### #5015 - Enamel Shade Guide — 8 shades

OW, OS, PF, PN, PS, PA, TM, TI

**NOT AVAILABLE IN ALL COUNTRIES**

### #5025 - Specialty Shade Guide — 10 shades

TS, TB, TO, TG, TY, TA, TF, IRB, A6, B5

**NOT AVAILABLE IN ALL COUNTRIES**

### #822 - Master Shade Guide — 24 shades

A1, A2, A3, A3.5, A4, A5, B1, B2, OW, OS, PF, PN, PA, PS, TF, TM, TS, TB, TO, TG, TI, TY, TA, IB

**NOT AVAILABLE IN ALL COUNTRIES**

## Vit-I-escence® Colors

LIGHT-CURED COLORING RESIN



**Black Micro FX tip**  
#1434 - 500pk - pg 128



**NanoTip 30ga tip**  
#1426 - 100pk - pg 132



**Inspirial Brush tip**  
#1033-1 - 500pk - pg 131

- 9 shades
- Variety of uses
- Easily dispensed
- Direct application

Vit-I-escence Colors are an 11% filled, light-cured, Bis-GMA composite color modifying resins with an average particle size of 0.7µm.

## Uses

Vit-I-escence Colors are designed to facilitate ultimate color matching, enhancement, and details. They are great with the tiny NanoTip tips for occlusal fissure shading. The light brown color is useful for quick, even, intraoral polychromatic customizing of plastic temporaries.



1. Deliver color of choice through the tiny NanoTip to slightly deepened anatomical grooves or place deeper between the last dentin layer of composite.



2. Place a thin layer of a semi/translucent enamel color over the Vit-I-escence Color; then light cure and finish.



See the shade at a glance!



Use the Inspirial Brush tip to create subtle to profound tinting of broad areas. Lengthen the brush fibers to enable fanning out of bristles.

### #504 - Vit-I-escence Colors Intro Kit

- 9 - 1.2 ml syringes: Pink, Yellow, Blue, Lt Brown, Dk Brown, White, Orange, Clear, and Ochre
- 1 - 1.2ml PermaFlo Dentin Opaquer syringe
- 1 - 1.2ml DeOx syringe
- 1 - Half-size syringe organizer
- 20 - Black Micro FX tips
- 20 - NanoTip 30ga tips
- 20 - Inspirial Brush tips



**NOT AVAILABLE IN ALL COUNTRIES**

Shelf Life: 24 months. Refrigerated.

### Vit-I-escence Syringe Refills

- #211 - Pink
- #212 - Yellow
- #213 - Blue
- #214 - Lt Brown
- #215 - Dk Brown
- #216 - White
- #217 - Orange
- #218 - Clear
- #220 - Ochre

1 - 1.2ml syringe



**NOT AVAILABLE IN ALL COUNTRIES**

Shelf Life: 36 months. Refrigerated.

# Amelogen® Plus Syringes and Singles

COMPOSITE RESTORATIVE MATERIAL



- Simple, affordable system
- Excellent, non-slumping consistency
- Brilliant polishing capability

Amelogen Plus is a state-of-the-art, radiopaque, Bis-GMA material that is 76% filled by weight with a 0.7µm average particle size. It displays exceptional handling, optical, and polishing characteristics. Amelogen Plus will not stick to instruments or slump, providing extra control in handling.

## Uses

Amelogen Plus is an excellent choice for designing Class I, II, III, IV, V, and VI restorations, as well as direct veneers. It is perfect for both posterior and anterior restorations because of its wear resistance, strength, simplicity, and polishability.

*"I am pleased with Amelogen's ease of placement, its adaptability to tooth color, and its predictability to last as a posterior restoration."*  
 DR. MARK H. WEBB – BRISTOL, TN

1 [www.realityesthetics.com](http://www.realityesthetics.com)



Before



After


















Before



After: Posterior composite is bonded, reinforcing both tooth and restoration, and delivering high wear-resistance and quality esthetics.



### Shade and Translucency

DENTIN SHADES		A1	ENAMEL SHADES		ENAMEL WHITE	BODY
		A2			ENAMEL NEUTRAL	
		A3			ENAMEL GRAY	
		A3.5			TRANS WHITE	
		A4		TRANS GRAY		
		A5		TRANS ORANGE		
		B1		OPAQUE WHITE	OPAQUE	
		C2				

**#3254 - Amelogen Plus Complete Kit — 15 shades**

- 1 - 2.5g syringe of each Dentin shade: A1, A2, A3, A3.5, A4, A5, B1, and C2
- 1 - 2.5g syringe of each Enamel shade: Opaque White, Enamel White, Enamel Neutral, Enamel Gray, Translucent White, Translucent Gray, and Translucent Orange
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Full size syringe organizer
- 1 - Quad key
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

**#3098 - Amelogen Plus Basic Kit — 7 shades**

- 1 - 2.5g syringe of each Dentin shade: A1, A2, A3, A4, A5, B1, and C2
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Half size syringe organizer
- 1 - Quad key
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

**#315 - Amelogen Plus Cosmetic Kit — 7 shades**

- 1 - 2.5g syringe of each Dentin shade: A1, A2, and A3
- 1 - 2.5g syringe of each Enamel shade: Opaque White, Enamel White, Enamel Neutral, and Translucent White
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Half size syringe organizer
- 1 - Quad key
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

**#3013 - Amelogen Plus Natural Kit — 7 shades**

- 1 - 2.5g syringe of each Dentin shade: A2, A3, A4, and C2
- 1 - 2.5g syringe of each Enamel shade: Enamel Neutral, Enamel Gray, and Translucent Gray
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Half size syringe organizer
- 1 - Quad key
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

**Amelogen Plus Syringe Refills**

- |              |                        |
|--------------|------------------------|
| #9030 - A1   | #9037 - Opaque White   |
| #9031 - A2   | #9038 - Enamel White   |
| #9032 - A3   | #9039 - Enamel Neutral |
| #9028 - A3.5 | #9040 - Enamel Gray    |
| #9033 - A4   | #9041 - Trans White    |
| #9034 - A5   | #9042 - Trans Gray     |
| #9035 - B1   | #9043 - Trans Orange   |
| #9036 - C2   |                        |

- 1 - 2.5g syringe



Shelf Life: 36 months.

**#4424 - Complete Shade Guide — 15 shades**

A1, A2, A3, A3.5, A4, A5, B1, C2, OW, EW, EN, EG, TW, TG, TO

**#4423 - Basic Shade Guide — 7 shades**

A1, A2, A3, A4, A5, B1, C2

**#4422 - Natural Shade Guide — 7 shades**

A2, A3, A4, C2, EN, EG, TG

**#4421 - Cosmetic Shade Guide — 7 shades**

A1, A2, A3, OW, EW, EN, TW

### #4525 - Amelogen Plus Complete Singles Kit — 15 shades

- 10 - 0.3g compules of each Dentin shade: A1, A2, A3, A3.5, A4, A5, B1, and C2
- 1 - 0.3g compule of each Enamel shade: Opaque White, Enamel White, Enamel Neutral, Enamel Gray, Translucent White, Translucent Gray, and Translucent Orange
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Combo pack tips
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

### #3209 - Amelogen Plus Basic Singles Kit — 7 shades

- 10 - 0.3g compules of each Dentin shade : A1, A2, A3, A4, A5, B1, and C2
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Combo pack tips
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

### #3104 - Amelogen Plus Cosmetic Singles Kit — 7 shades

- 10 - 0.3g compules of each Dentin shade: A1, A2, and A3
- 1 - 0.3g compule of each Enamel shade: Opaque White, Enamel White, Enamel Neutral, and Translucent White
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Combo pack tips
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

### #3239 - Amelogen Plus Natural Singles Kit — 7 shades

- 10 - 0.3g compules of each Dentin shade: A2, A3, A4, and C2
- 1 - 0.3g compule of each Enamel shade: Enamel Neutral, Enamel Gray, and Translucent Gray
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PermaSeal syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Shade guide
- 1 - Combo pack tips
- 10 - Black Mini Brush tips
- 10 - Blue Micro tips
- 20 - Inspiral Brush tips



Shelf Life: 18 months. Refrigerated.

### Amelogen Plus Singles Refills

- |              |                        |
|--------------|------------------------|
| #8010 - A1   | #8021 - Opaque White   |
| #8011 - A2   | #8022 - Enamel White   |
| #8013 - A3   | #8023 - Enamel Neutral |
| #8024 - A3.5 | #8012 - Enamel Gray    |
| #8014 - A4   | #8016 - Trans White    |
| #8015 - A5   | #8018 - Trans Gray     |
| #8017 - B1   | #8019 - Trans Orange   |
| #8020 - C2   |                        |

10 - 0.3g compules



Shelf Life: 36 months.

### Ultradent® Composite Gun

- Ergonomic
- Drop 'n' lock feature makes it easy to load
- Use with all prefilled and empty tips on the market

### #7800 - Ultradent Composite Gun



**PermaFlo®**  
FLOWABLE COMPOSITE



- Excellent adaptability and flowability
- Highly radiopaque
- Fluoride-releasing formulation
- 8 shades
- Superior polishability
- Strong and wear-resistant

PermaFlo is a light-cured, radiopaque, methacrylate-based flowable composite available in eight shades. Its thixotropic properties impart ideal flowability for improved adaptation. PermaFlo is 68% filled by weight, with an average particle size of 0.7µm and a low film thickness.

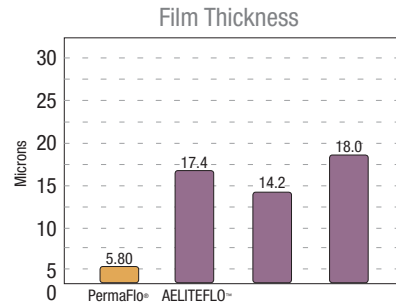
**Uses**

Use PermaFlo for anterior and posterior restorations: Class I, II, III, IV, and V. It can also be used to restore missing subgingival tooth structure prior to endodontic procedures (the "Donut Technique").

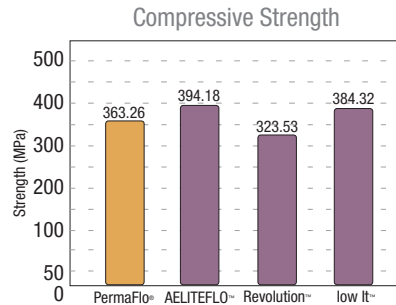
*"The opaque PermaFlo shade is a terrific tool for difficult esthetic restorations. It allows me to mask metal when repairing a PFM crown and eliminates the grey hue. I am able to cover dark stains and restore the tooth to its natural beautiful shade."*  
DR. KENNETH B. ALLEN – FORT COLLINS, CO

*"PermaFlo allows us to restore in so many different situations. The material seems to 'flex' better in those difficult Class V restorations, which serves us and our patients more successfully."*  
DR. PAT PRENDERGAST – ENGLEWOOD, CO

*"I literally use PermaFlo on every patient. I love the shades and the way it flows and handles. I use it around my posts, prior to core buildups. The stuff is awesome!"*  
DR. IAN E. MODESTOW – FLORENCE, MA



PermaFlo exhibits very low film thickness.



PermaFlo performs favorably with other flowable composites. Being 68% filled, PermaFlo provides very high compressive strength.

**#1273 - PermaFlo Universal Kit**

- 1 - 1.2ml syringe of each shade: A1, A2, A3, A3.5, A4, B1, Dentin Opaquer and Translucent
- 1 - 1.2ml Ultra-Etch syringe
- 1 - 1.2ml PQ1 syringe
- 1 - Half size syringe organizer
- 1 - Shade Guide
- 20 - Black Mini tips
- 20 - Micro 20ga tips



Shelf Life: 18 months. Refrigerated.

**PermaFlo Syringe Refills**

- #947 - A1
- #948 - A2
- #949 - A3
- #952 - A3.5
- #956 - B1
- #954 - A4
- #612 - Translucent
- #1005 - Dentin Opaquer

2 - 1.2ml syringes



Shelf Life: 24 months. Refrigerated.

## PermaFlo® Pink



- Acts as an attractive solution for prevalent gingival recession
- Reduces sensitivity and improves patient comfort

### Uses

PermaFlo Pink is an excellent alternative to gingival grafting, which is not always an option. Use as a masking agent in Class V restorations where root structure is exposed. Also use to mask gingival recession.



1. Following tooth prep and application of dentin bonding agent (we recommend Peak LC Bond), build restoration incrementally with PermaFlo Pink.



2. Resultant restoration can mask white root surfaces when gingival grafting isn't an option.

#### #963 - PermaFlo Pink Mini Refill

2 - 1.2ml syringes



Shelf Life: 24 months. Refrigerated.

## Composite Wetting Resin



- Facilitates composite adaptation
- Does not act as a detriment to polymerization
- Moistens dry composite during contouring

Composite Wetting Resin is a 45% filled, light-cured, liquid resin. It is significantly superior to single-component adhesives, which contain solvents and inhibit composite polymerization.

### Uses

Use Composite Wetting Resin during incremental layering of composite materials. We recommend it be used when the oxygen inhibition layer has been removed or disturbed (e.g., washing the composite surface following contamination). Composite Wetting Resin may be placed on the composite surface if it has become dry while contouring composite. Use Composite Wetting Resin on an instrument or brush to enhance glide. Composite Wetting Resin greatly facilitates adaptation of the composite restoration and preparation.

#### #3059 - Composite Wetting Resin Mini Refill

2 - 1.2ml syringes



Shelf Life: 40 months. Refrigerated.

## Ultradent® IPC Carver

- Ultra-thin blade
- Ideal for anterior sculpting
- Lightweight, hollow stainless handle
- Designed to function optimally in a gloved hand

Made of 100% stainless steel, the smooth finish of the IPC Carver cleans easily and resists corrosion, even in the harshest sterilization procedures. The lightweight handle is designed for ideal function, tactile sensitivity, and maneuverability in a gloved hand. The ultra-thin, reverse-facing tip is perfectly angled for carving anterior and posterior composites.



#### #662 - Interproximal Carver

1 - IPC Carver



## Micro Restorative



1. Small Class I preparation treated with dentin bonding agent. Fill restoration with flowable PermaFlo through the Black Micro tip.

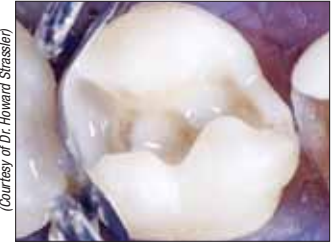


2. The flowable composite offers unsurpassed adaptation as it fills from preparation floor up.



3. Finished, radiopaque, 0.7µm hybrid restoration. Ultimate restorative seal!

### SUPER ADAPTIVE INTITIAL LAYER:



(Courtesy of Dr. Howard Strassler)

After the bonding agent, apply a thin layer of PermaFlo at the gingival margin, proximal box axial margins, and internal line angles to ensure quality adaptation of composite.

## Masker



Masking dark colors initially facilitates gorgeous esthetics at the surface.



### METAL MASKING:

Place a thin layer of PermaFlo Dentin Opaquer over the exposed metal and light cure for 20 seconds.

## Pediatric Restorations



1. Rampant caries in a three year old



2. Slow speed and large round bur to remove all caries. Stain with Sable Seek to ensure prep is in firm mineral dentin. (Compromise where close to pulp.) Quality tissue management is an absolute here; pack a long #0 or #1 Ultrapak cord soaked in ViscoStat first.



3. Etch preparations and apply PQ1. Intimately apply a thin first layer of PermaFlo to the adhesive layer with the Black Micro 20 gauge tip. Light cure.



4. Apply and cure one or two additional increments. Quickly finish restorations with finishing burs and abrasive cups.



5. One year later