



L A U N C H


VITTRAAPS UNIQUE FLOW

Universal chroma light-curing fluid composite.

**THE
CHAMELEON
EFFECT THAT
YOU KNOW
WITH THE
FLOW THAT
YOU NEED.**



APS ADVANCED
POLYMERIZATION
SYSTEM



FROM BLEACH TO D4 WITH ONE SINGLE COMPOSITE

FOR ANTERIOR AND POSTERIOR TEETH!

With high technology, advanced esthetics and functional properties, Vittra APS Unique Flow is a synonym of pioneering, innovation and quickness for your office routines:

- Does not require shade selection;
- Increased productivity;
- Reduced stock;
- Ideal flow: does not run;
- Easy to visualize: the opaque shade before polymerization facilitates the visualization of the margins of the preparation;
- Chameleon effect: captures and reflects tooth shade precisely.



Universal
CHROMA
Composite



**BPA
FREE**



FLOW

Easy application
and excess material
reduction!



THE REAL
CHAMELEON

EFFECT

THE REAL CHAMELEON EFFECT:

The chameleon effect happens in function of the chromatic mirroring features of the composite which is capable of capturing and reflecting the shade of the dental substrate.

A2



C3



E-bleach



BEFORE

Before polymerization, the contrast and the opaquer shade of the composite facilitate the visualization and control of the restorative process.

A2



C3



E-bleach



AFTER

The optical properties of Vittra APS Unique Flow are defined after its polymerization. The loads, well dosed opacity and the esthetic of the APS system are critical for reaching the perfect mimicking.



The FGM exclusive APS technology (Advanced Polymerization System), consists in an innovating combination of colorless photo-initiators which interact with one another and allow for the amplification of the polymerization capacity of the materials, having a positive impact on several aspects:

- Longer working time even under the reflector's light;
- More efficient photopolymerization;
- Increased mechanical properties;
- Long-lasting clinical restorations;
- High esthetics and perfect mimicry.



LEARN MORE
ABOUT FGM'S
UNIVERSAL
CHROMA
COMPOSITES



TIP: USING BACKGROUND COMPOSITE

When there is no background wall to copy or if there is a shade modification in the dental substrate, such as a strong darkening due to dentin tertiary formation, amalgam staining or other stains without a defined origin, it is necessary to use a lining composite as shade support for Vittra APS Unique Flow (example: opacifying composite or dentin composite).

RECOMMENDATIONS



Support for direct restorations



Restorations with minimally invasive cavity preparations (including small occlusal restorations)



Seal for pits and fissures



Tunnel type preparations



Preparation of small defects on the enamel



Cementing teeth fragments



Repairs on composite



Non-carious cervical lesions



Making of attachments for invisible orthodontic aligners

COMMERCIAL AVAILABILITY

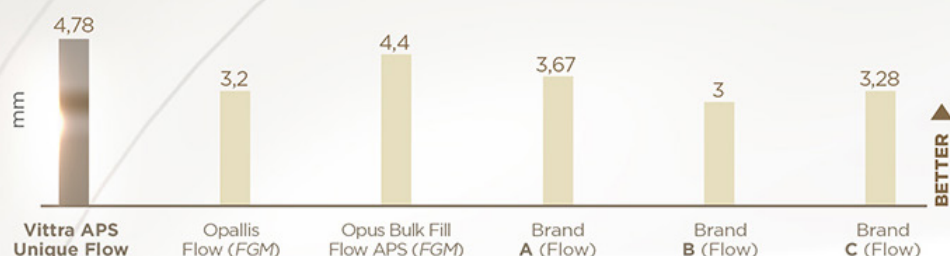
2g syringe with 10 applicator tips.



SCIENTIFIC PROOF

CURING DEPTH

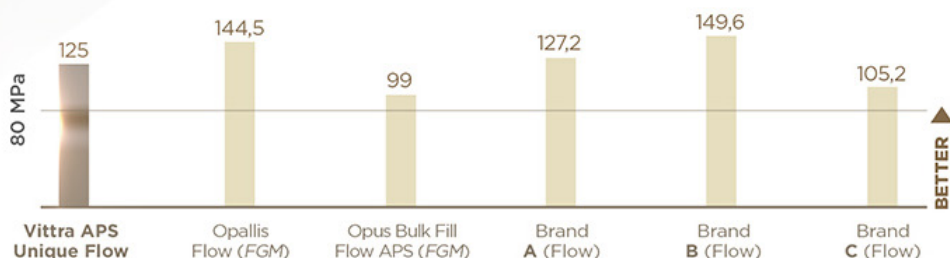
According to ISO 4049 standard



The curing depth of Vittra APS Unique Flow is superior to all 4 main competing products analyzed, an important indication for the clinical success of restorations.

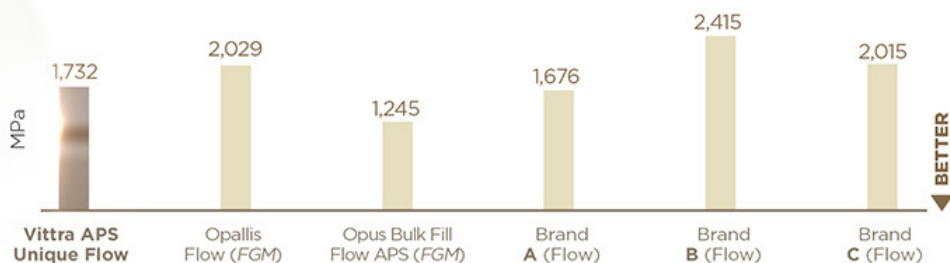
BENDING

ISO 4049: 80MPa minimum



Vittra APS Unique Flow is way above the reference established by the ISO 4049 standard (>80MPa), which confirms its capacity to stand the stress resulting from the masticatory forces.

SHRINKAGE STRESS



Vittra APS Unique Flow showed a result equivalent to the average performance of the main four competitors. The lower the contraction and tension generated, the lower the risk of marginal infiltration and greater the longevity of the restoration.

“ *The Vittra APS Unique Flow composite shows excellent flow and thixotropy, being easily applied in any cavity. Besides, it decreases the need for an inventory with different shade since it interacts perfectly with the shade of the substrate.* **”**



Prof. Dr. Raphael Monte Alto

PhD in Esthetic Dentistry - UERJ; MSc in Odontologic Clinic - UFF. Post-Doc in Odontology - UFA

“ *An universal chroma composite that copies the shade of the dental substrate, offers sensational esthetic results, allying flexibility and quality. Besides being Bisphenol-A free, I would also point out the excellent shine and polishing and how easily it is in the incremental technique, which for our specialty is essential!* **”**



Prof. Dra. Sandra Kalil

Head Professor of the Discipline of Dental Materials - UNIMES/Santos and UNINOVE/SP



**READ THE CLINICAL CASE
BY PROF. DR. SHIZUMA
SHIBATA IN FULL**



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