FGM

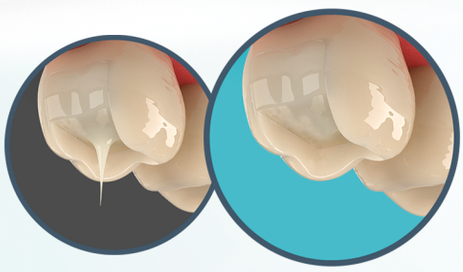
OPUS BULK FILL FLOW APS

Flowable light-curing composite with low shrinkage stress.

RESULTS MAXIMIZED



Restorations completed 66% faster.*



Rheological effect:
anti-gravity and self-leveling.

ADVANTAGES APS

- Greater polymerization depth - up to 4 mm.
- Low shrinkage stress.
- Longer working time for sculpture: stability under ambient/reflector's light.

- Anti-gravity effect: ideal for application on upper teeth.
- Recommended as the basis of restorations: it should be coated with a dense-consistency composite.
- Self-leveling: It allows perfect adaptation to the cavity walls.

*When compared to regular restorative procedures.





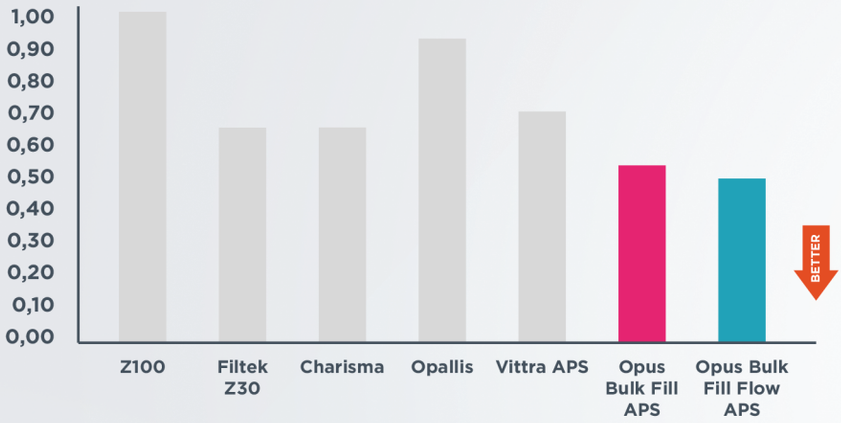


OPUS BULK FILL FLOW APS

Flowable light-curing composite with low shrinkage stress.

Opus Bulk Fill Flow is a flowable composite, recommended for the bulk-filling technique, with direct adhesive restoration filling. The exclusive APS technology provides high mechanical strength, efficiency and longevity of restorations.

Shrinkage after gel application – volumetric %



LOW SHRINKAGE

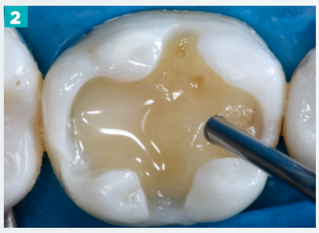
Materials with great volumetric shrinkage generate a higher level of stress on the tooth/adhesive/composite interface which may lead to functional damage to the restoration. **Opus Bulk Fill APS and Opus Bulk Fill Flow APS** obtained the lowest levels of volumetric shrinkage.

Source: Prof. Dr. Carlos José Soares et al., 2017.

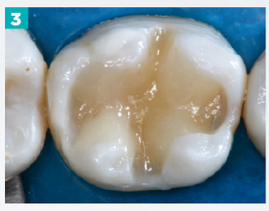
CLINICAL CASE

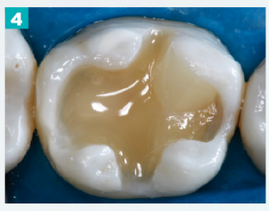
Authors: Prof. Dr. Luis Fernando Morgan,
Dr. Vinicius P. Valle and Prof. Dr Mariana Nogueira.





1. Initial.
2. Cavity filled with low-shrinkage stress composite Opus Bulk Fill Flow APS (FGM). Photoactivation for 40 seconds.







3 to 5. Increments of composite (Opallis) with 2mm each in enamel shade. Final increments photoactivated for 20 seconds each and final restoration for 40 seconds.





6 and 7. Restoration completed after finishing and polishing Diamond Flex (FGM) and Diamond Excel (FGM). Note the interesting visual aspect of the shade effect obtained in the grooves and cusps by the combination of composites Opus Bulk Fill Flow APS (FGM) and Opallis (FGM).

Learn more about FGM products:
www.fgm.ind.br