




Crown and Bridge

| PRODUCT |  GoldTech® 24k |  PFM |  FMC |
|----------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Ideal Application | Traditional PFM when aesthetics and bio-compatibility are factors | Traditional PFM when strength is a factor | Traditional FMC when strength is a factor |
| Primary Application | Single crowns, 3-unit anterior bridge | Single crowns through long-span bridges | Single posterior crowns through multi-unit posterior bridges |
| Preparation Requirement | Any margin designs traditional 1.5-2.0mm axial wall, incisal, occlusal Occlusal | Any margin designs traditional 1.5-2.0mm axial wall, incisal, occlusal Occlusal | Any margin designs 2.5-3.0mm axial wall, incisal, occlusal |
| Cementation Guidelines | Std. Cementation with any cement | Std. Cementation with any cement | Std. Cementation with any cement |
| Flexural Strength | Depends on type of porcelain | Depends on type of porcelain | Depends on type of alloy |
| Enamel Wear | Low enamel wear when used with low-fusing porcelain | Depends on type of porcelain | Depends on type of alloy |
| Restoration Composition | 99.7 % Gold (24k) coping with layered porcelain | High noble content of Gold with multi-porcelain layers | Depends on type of alloy |
| Years of Clinical Success | 7+ Years | 40+ Years | 60+ Years |

GOLDTECH® is a registered trade mark of the Argen Corporation.



Crown and Bridge

■ Porcelain Fused To GoldTech® 24k

Ceramic fused to 24k GoldTech® metal produces aesthetics that rival all ceramic restorations. GoldTech® 24k has been proven to reduce harmful bacteria and plaque deposits, resulting in incredible biocompatibility with surrounding tissue. Since the GoldTech® substructure is cast, not pressed, Artistic Smile Dental Studio technicians create each coping in a precise, consistent manner.

Combining the benefits of GoldTech® with the talents of Artistic Smile Dental Studio technicians provides your patients the quality restoration they expect and deserve.

■ Porcelain Fused to Metal

Artistic Smile Dental Studio's traditional PFMs are fabricated using the most advanced materials available. With over 60 years in the dental lab profession, Artistic Smile Dental Studio's technicians have acquired substantial experience in many techniques making them capable of providing high-quality restorations that are superior in both function and aesthetics.

Special attention is taken in trimming the dies, and your case is quality controlled every step of the way . . . from model work, wax, or metal to finished crown or bridge. Although Artistic Smile Dental Studio offers a variety of alloys for the creation of aesthetic restorations, gold remains the perfect choice for many leading clinicians due to its longevity and functional success.

■ Full Metal Cast

Gold continues to be the preferred choice for many leading clinicians due to its longevity, functional success, biocompatibility, and exceptional fit. Artistic Smile Dental Studio's full cast team is trained in the five-step quality-control process: Contacts, Occlusion, Margins, Anatomy, and Finish.

Artistic Smile Dental Studio full-cast yellow gold alloys meet ADA specifications for "high noble," and exhibit a beautifully rich gold color.

■ Implants

Modern treatment plans for implant rehabilitation offer patients an alternative route to conventional complete and removable partial dentures. Artistic Smile Dental Studio is trained in various implant systems, providing you with the most aesthetic restoration for your implant system. We work to case plan in partnership with the dentist and the oral surgeon to ensure clinical stability. This provides your patients with the latest dental implant reconstruction available.

In addition to these dedicated skills, we continue to foster working relationships with all of the implant manufacturers to continually educate our technicians in the latest implant technology, furthering our ability to meet your implant treatment needs.

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artisticsmiledentalstudio.com