

# Multi-Layered Zirconia



Digital Smile  
Innovations

Delivering Excellence, One Smile at a Time

**Strength. Beauty. Longevity. Redefined.**

## Product Overview

Our Multi-Layered Zirconia crowns and bridges represent the pinnacle of modern dental restoration. Designed to offer unmatched aesthetics, superior strength, and long-lasting performance, they blend functionality and beauty, providing patients with a confident, natural smile.



## Key Features & Benefits

### 1. Natural Aesthetics

- ✔ **Gradient Layering Technology:** Multi-Layered Zirconia mimics the natural translucency and shading of real teeth, transitioning from a strong core to a lifelike enamel layer.
- ✔ **Customizable Shades:** These are available in a wide range of shades to match individual tooth colors and achieve a harmonious, natural look.

### 2. Superior Strength

- ✔ **High Flexural Strength:** Designed to withstand heavy bite forces, making it ideal for crowns and bridges in both anterior and posterior regions.
- ✔ **Fracture Resistance:** Engineered to reduce the risk of chipping and cracking, ensuring long-lasting performance even under challenging conditions.

### 3. Bio-Compatibility

- ✔ **Gentle on Soft Tissue:** Zirconia is non-reactive and hypoallergenic, ensuring patient's comfort and promoting healthy gums.
- ✔ **Metal-Free Composition:** Ideal for patients with metal allergies or sensitivities.

### 4. Durability

- ✔ **Wear Resistance:** Multi-Layered Zirconia resists wear and abrasion, maintaining its appearance and function over time.
- ✔ **Minimal Adjustments:** Its precise fabrication reduces the need for chairside adjustments, saving time for both dentists and patients.  
Allows for highly detailed characterization to match the natural appearance of teeth.

### 5. Versatile Applications

- ✔ Suitable for crowns, bridges, implant-supported restorations, and full-arch prosthetics.
- ✔ Ideal for single-tooth replacements and multi-unit restorations in anterior and posterior zones.



## Why Choose Multi-Layered Zirconia?

- ✔ **Enhanced Patient Satisfaction:** Delivers a beautiful, natural smile that patients will love.
- ✔ **Efficiency for Dentists:** Simplifies workflows with pre-shaded and pre-contoured options.
- ✔ **Reliable Results:** Consistently high-quality restorations backed by advanced manufacturing techniques.

## Technical Specifications

Flexural Strength	Up to 1,200 MPa
Translucency	43%-49% (varies by layer)
Shading System	Multi-shade gradients for seamless blending

## Applications

- ✔ Single crowns Multi-unit bridges
- ✔ (up to 14 units) Implant-
- ✔ supported restorations Full-arch
- ✔ prosthetics



## Take the Next Step

Deliver restorations that are as functional as they are stunning. Multi-Layered Zirconia crowns and bridges set a new standard for dental excellence.



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**Contact Us Today** to learn more or place an order:

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