

# MM-4D Zirconid

# The All-in-one Solution for dental restorations

### MaxMultilayer-4D: 15 Layers Zirconia

MM-4D achieves the best that zirconia restorations have to offer; including permeability, strength, and hardness. Furthermore, 8 layers of powder showing 15 overlapping layers of gradient effects. As a result, MM-4D is the optimal product for full-arch implant-supported monolithic zirconia restorations in terms of both aesthetics and functionality.

- ✓ Natural transition: 8 layers of dental multilayer zirconia; 15 layers gradient overlay
- ✓ Translucency: 43%-57%
- ✓ Strength: 700Mpa-1200Mpa
- All areas of applications: From single crown to full arch bridge



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# Ideal for esthetic crowns, bridges and full-arch restorations

With 700–1200Mpa strength and a high translucency (up to 57%) optimized for esthetic crowns, bridges and even full-arch restorations, MM-4D zirconia solves almost all of the dental applications with more confidence. It is also qualified for cases with very limited space requiring ultimate strength.

NOBILCAM MM-4D Zirconia A2 full-arch implant-supported monolithic zirconia bridge



## **MaxMultilayer Structure**

- 15 layers zirconia: 8 layers of dental multilayer zirconia and 15 layers gradient overlay

|      | Flexural Strength                    | <b>Translucency</b> |  |
|------|--------------------------------------|---------------------|--|
|      |                                      | 57%                 | Ultra transluc<br>zirconia: up to<br>57% transluce |
|      | Layer 2 ≥750Mpa<br>Layer 3 ≥820Mpa   | 56%                 | for high aesth<br>ics in incisal                   |
|      | Layer 3 ≥820Mpa                      | 54%                 | areas  |
|      | Layer 4 ≥890Mpa                      | 52%                 |  |
| 1.00 | Layer 5 ≥960Mpa                      | 50%                 | High strength                                      |
|      | Layer 6 ≥1030Mpa tuga                | 48%                 | zirconia: achi<br>1200Mpa stre                     |
|      | Layer 6 ≥1030Mpa<br>Layer 7 ≥1100Mpa | 46%                 | for exception<br>stability                         |
|      | Layer 8 ≥1200Mpa                     | 43%                 |  |
|      |                                      |                     |  |

## Natural color match to VITA Classic shades

Available shades



NOBILCAM MM-4D Zirconia A2 dental bridge – sintered and glazed