

Full-contour minimum thickness guidelines

| | INLAY/ ONLAY | | | VENEER | | | PARTIAL CROWN | | | ANTERIOR CROWN | | | POSTE- RIOR CROWN | | ANTERIOR BRIDGE | | | POSTE- RIOR BRIDGE | | | | | | |
|--------------------------------------|------------------|--------------------|--------------------|------------------|---------------|--------------|---------------|---------------|------------------|--------------------|--------------------|--------------|-------------------------|--------------|--------------------|---------------|--------------|--------------------------|--|-----------------|---------------------|--|-----------------|--|
| | Cusp height (mm) | Fissure depth (mm) | Isthmus width (mm) | Gingiva (mm) | Circular (mm) | Incisal (mm) | Gingiva (mm) | Circular (mm) | Cusp height (mm) | Fissure depth (mm) | Isthmus width (mm) | Incisal (mm) | Circular (mm) | Gingiva (mm) | Occlusal (mm) | Circular (mm) | Gingiva (mm) | Wall thickness (mm) | Connector cross-section (mm ²) | Maximum pontics | Wall thickness (mm) | Connector cross-section (mm ²) | Maximum pontics | |
| RESIN NANO CERAMIC | | | | | | | | | | | | | | | | | | | | | | | | |
| 3M™ ESPE™ Lava™ Ultimate Restorative | 1.5 | 0.4 | 0.6 | 0.5 ¹ | 1.0 | | 1.5 | | | | | 1.5 | 1.0 | | 1.5 | 1.0 | | | | | | | | |
| CERAMIC | | | | | | | | | | | | | | | | | | | | | | | | |
| 3M™ ESPE™ Lava™ Plus Zirconia | | | | | | | | | | | | 0.3 | | 0.5 | | 0.3 | 7 | 4 | 0.5 | 9 | 2 | | | |
| IPS e.max® CAD – HT | 1.0 | | 0.6 | 0.7 | 1.0 | | 1.5 | | 1.5 | 1.2 | 1.0 | | 1.5 | 1.0 | | | | | | | | | | |
| IPS e.max® CAD – LT | | | | | | | | | | | | | | | | | | | | | | | | |
| IPS Empress® CAD – HT | 2.0 | 1.5 | 0.6 | 0.7 ² | | | | | | | | | | | | | | | | | | | | |
| IPS Empress® CAD – LT and Multi | | | | | 1.0 | 1.5 | 2.0 | 1.5 | 2.0 | 1.5 | 1.0 | 2.0 | 1.5 | 1.0 | 2.0 | 1.5 | 1.0 | | | | | | | |
| VITA Mark II | 2.0 | 1.5 | | | | | | | | | | | | | | | | | | | | | | |
| VITA TriLux | | | 0.5 | | 1.0 | 2.0 | 1.5 | 1.5 | 1.0 | 2.0 | 2.0 | 1.0 | | | | | | | | | | | | |
| METAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ticon® | | | | | | | | | | | | 0.4 | | 0.4 | 0.4 | 5 | 4 | 0.4 | 5 | 3 | | | | |
| coron® | | | | | | | | | | | | 0.3 | | 0.3 | 0.3 | 5 | 4 | 0.3 | 5 | 3 | | | | |
| POLYMERS | | | | | | | | | | | | | | | | | | | | | | | | |
| polycon® ae | | | | | | | | | | | | 0.6 | | 0.6 | 0.6 | 9 | 1 | 0.6 | 9 | 1 | | | | |
| polycon® cast | | | | | | | | | | | | 0.25 | | 0.25 | 0.25 | 5 | 4 | 0.25 | 5 | 4 | | | | |

¹ 1.5 for incisal overlapped veneers

² 1.0 for incisal overlapped veneers