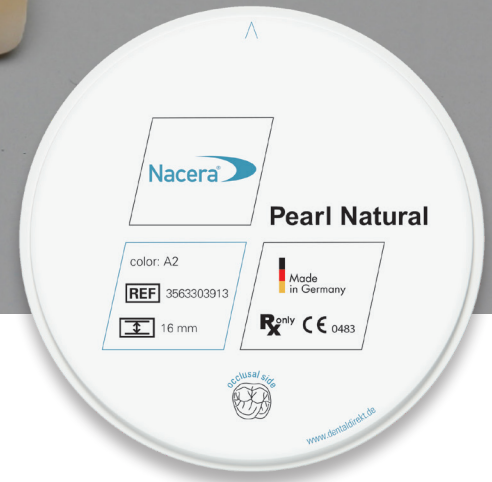




Crowns made from Nacera[®] Pearl Natural in shade A3.
The Nesting placement was performed as in the example placement shown below.



NACERA[®] PEARL NATURAL

NESTING INFORMATION

Nacera[®] Pearl Natural is a multilayer system consisting of two types of zirconium dioxide. It combines the high translucency of cubic zirconium dioxide with the strength of tetragonal zirconium dioxide. The following graphic shows how different heights produce different results during nesting. A result corresponding to the VITA[®] classical shade guide is produced when the crown is nested as in the example of positions 2-4. The lower the restoration is nested, the more chromatic the result will be.

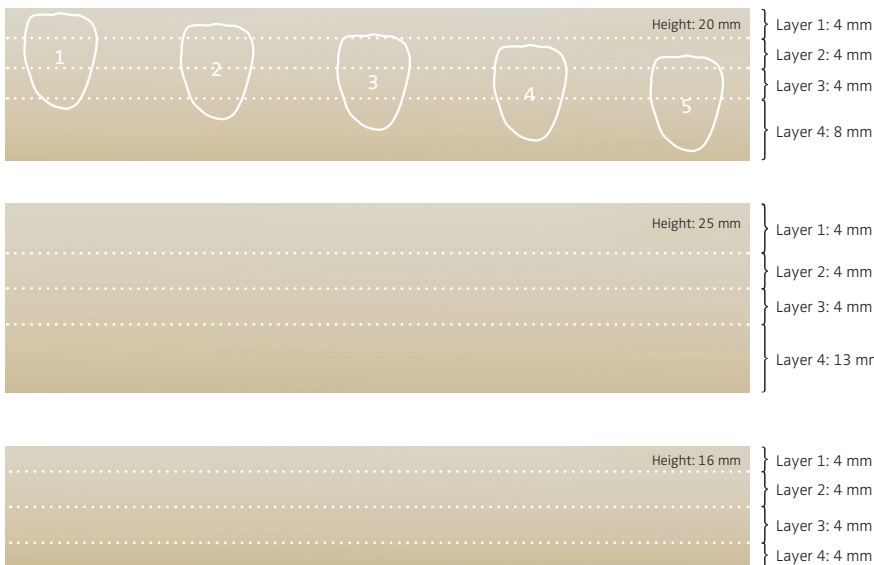
Layer 1: Incisal, high content of cubic zirconium dioxide (6Y-PSZ), flexural strength $\sigma > 1000$ MPa

Layer 2: Transition 1

Layer 3: Transition 2

Layer 4: Dentin, tetragonal zirconium dioxide (3Y-TZP), flexural strength $\sigma > 1200$ MPa

Example of the crown positions in a 20 mm high blank of **Nacera[®] Pearl Natural**:



Wall thickness	
Single crowns	Bridges
0,4 mm	0,5 mm

Marginal thickness	
Single crowns	Bridges
0,2 mm	0,2 mm

Framework dimensions	
Pontics	2
Connector cross section	9 mm ² (Posterior region) 6 mm ² (Anterior region)
Candlelever unit	1 (Premolar width)
Connector cross section to candlelever unit	12 mm ²