

Aadva Zirconia Coping – Instructions For Use

Aadva Zirconia coping and coping bridge are only to be used by a dental professional.

Tooth Preparation Guide

Preparation on an anterior tooth for Aadva Zirconia coping requires: Chamfer margin, round internal line angles, 1.5mm – 2.0mm incisal reduction, 1.0mm – 1.5mm labial and lingual reduction, and 1.0mm 360 degree rounded shoulder.

Preparation on a posterior tooth for Aadva Zirconia coping requires: Chamfer margin, round internal line angles, 1.5mm – 2.0mm occlusal reduction, 1.0mm – 2.0mm axial reduction, and 1.0mm – 1.5mm gingival margin reduction with rounded internal line angles.

Wall Thickness and Minimum Connector Cross Section

Single coping:

Maximum height 14mm (along with insertion axis)

	Wall Thickness
Anteriors	≥ 0.4mm
Premolars and molars	≥ 0.4mm

Bridge coping:

Maximum span 6 units

Maximum height 14mm (along with insertion axis)

	Wall Thickness	Connector Area
Anteriors with 1 pontic	≥ 0.5mm	≥ 7mm ²
Anteriors with 2 pontics	≥ 0.5mm	≥ 9mm ²
Premolars and molars with 1 pontic	≥ 0.6mm	≥ 9mm ²
Premolars and molars with 2 pontics	≥ 0.6mm	≥ 12mm ²

Coping Adjustment

You have received a sintered coping. For coping modification, please follow these instructions:

For adjustment of Aadva Zirconia coping use water and air spray to keep the Zirconia restoration cool and to avoid micro-fractures with a fine grit diamond or rubber point with diamond particles.

If using air only, use the lightest touch possible when making your adjustments.

Once adjustments are completed, regeneration firing is required (using a porcelain furnace):

Regeneration firing should be done at 1000-1050°C with a 15 min. holding time on end temperature. Please use the following schedule:

Pre-drying °C	 min.	 min.	 °C/min.	Temp. approx.°C	 min.	VAC min.
500	-	5.00	100	1000	15.00	-

After firing no more adjustments should be made.



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