

**General Review**

KERAPLUS® Zircon ceramic is characterised by best adhesion values and a good bonding strength. Due to its high strength there are resulting delicate frameworks in any spans. The optimal CTE settings (9.5) permit the employment with different zirconium oxide frameworks.

**Preparatory measures for ceramic covering**

Prepare the framework exactly according to the manufacturer's instructions.

**Liner**

First of all you put a fine layer Liner on the framework according to the colour (see combination chart) and burn.

**Shoulder firing**

With our three shoulder powders you can create a shoulder of every shade situation. See combination chart below.

To lower the values, mix in intensive incisal powder white.

To lower the chroma, mix in transparent powder clear.

**First dentine firing**

In fully anatomical form, build up with dentine. If the space conditions are small, apply a thin layer of opacions dentine.

Make a small cut back from incisal and approximal. Apply the borders and mamelons with a thin layer of transparent powder neutral.

Complete the anatomic form of the tooth with incisal according to the colour. A light oversize of the buildup, brings a perfect result, because of the small shrinking during the firing.

**Second dentine firing**

Now you work out the crown and if necessarily correct the form with transparent powder clear.

**Glazing firing**

After working out the contact points and the occlusion, you apply a thin layer of transparent powder glazing, which you have mixed with glazing liquid. For individual characterization use our stains.

**Combination chart**

Colour	Liner	Incisal	Shoulder
A1	L-2	S-58	vanilla
A2	L-2	S-58	vanilla
A3	L-2	S-59	vanilla 70 + yellow 30
A3,5	L-3	S-59	cognac 90 + yellow 10
A4	L-2	S-60	cognac
B1	L-1	S-57	vanilla
B2	L-3	S-59	vanilla 90 + yellow 10
B3	L-3	S-59	yellow 80 + vanilla 20
B4	L-3	S-59	yellow 50 + cognac 50
C1	L-1	S-60	vanilla
C2	L-2	S-59	vanilla 80 + cognac 20
C3	L-2	S-59	vanilla 20 + cognac 80
C4	L-2	S-60	cognac
D2	L-1	S-60	cognac 50 + vanilla 50
D3	L-2	S-59	cognac 70 + vanilla 30
D4	L-3	S-59	cognac 60 + vanilla 10 + yellow 30