

## Z-CAD® Liquid DEEP and SURFACE The Intruder

Utilizing dipping or brush technique.



### Z-CAD® SURFACE paint technique for monolithic restorations

This technique is primarily intended for Z-CAD® One4All and Z-CAD® smile. After milling, the framework must be thoroughly cleaned. The framework must be freed from dust utilizing a dry brush and compressed air (low pressure and 100% oil-free). Prior to coloring, the objects must be completely dry.

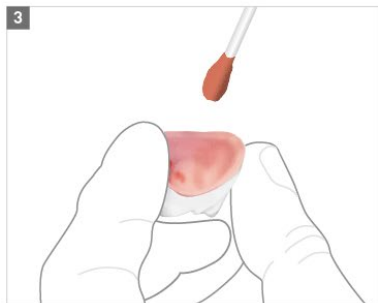
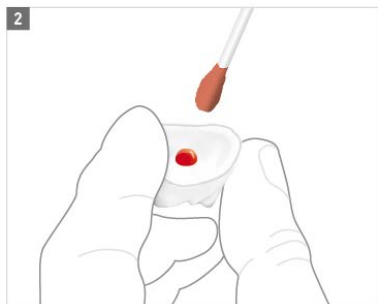
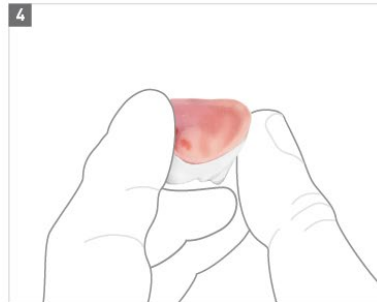
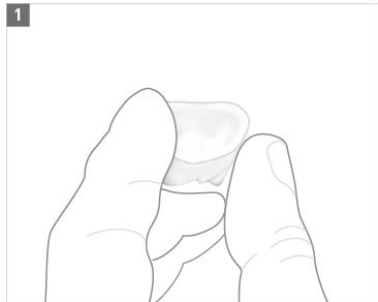
Prepare following instruments for the coloring process: cleaning-brush, paintbrush, liquids according to the shade you want to achieve (please always ensure you are using the correct liquid: Surface/Deep), tweezers and firing tray for the sinter process.

# Z-CAD<sup>®</sup> DEEP and SURFACE

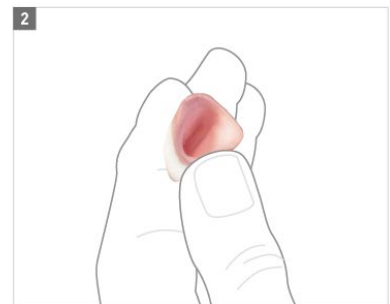
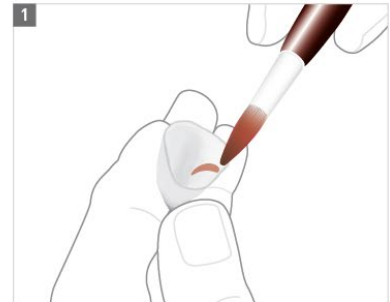
## Step 1

Utilizing a paintbrush or cotton bud the liquid (Dentin color with red pigment) is applied to the inner surface. For this a few drops are added and spread up to the crown margin utilizing the paintbrush/cotton bud. This process is repeated until the red color is visible in the incisal area on the outer surface.

### Posterior Step 1



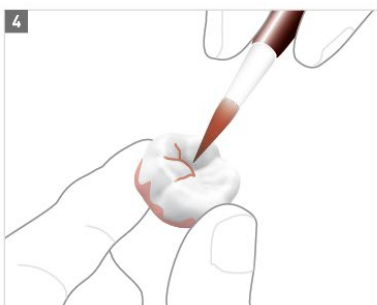
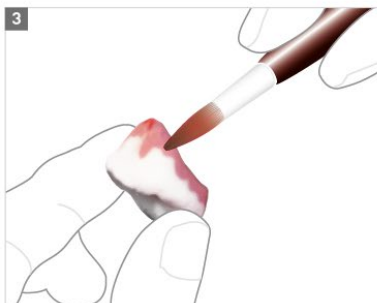
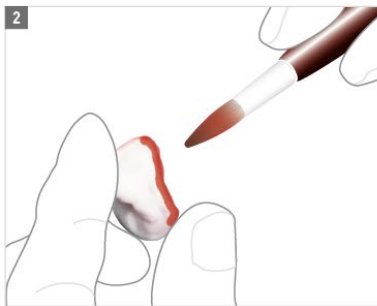
### Anterior Step 1



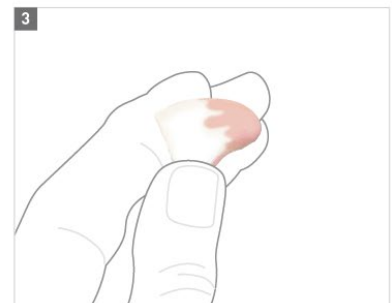
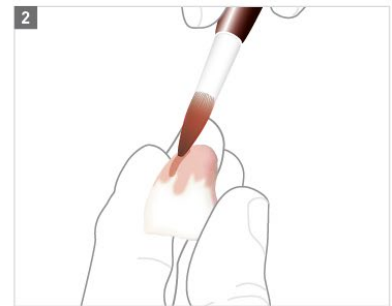
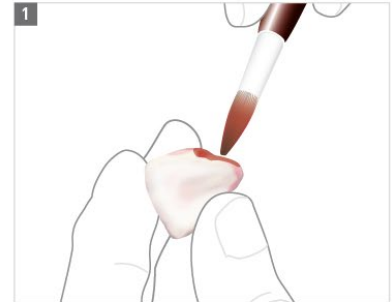
## Step 2

The individual characteristics should be applied according to the patient situation of the cervical proportion, neck and fissures and painted according the matching dentin color, or accentuated by special liquids.

### Posterior Step 2



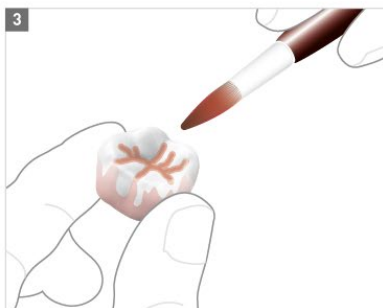
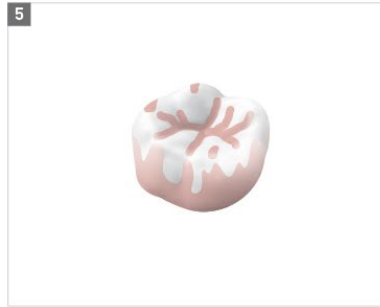
### Anterior Step 2



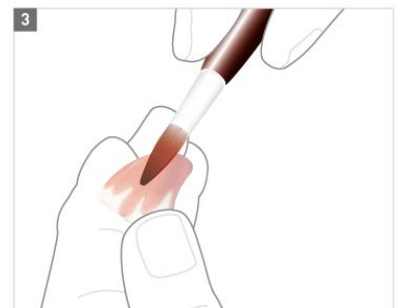
## Step 3

The base color is applied in the dentin area, mamelons, approximal surfaces and worn cusps are individualized. If desired, the outer surface of the crown can be individualized applying brush strokes from the margin onwards. Optionally the incisal area of the outer surface can be further individualized.

### Posterior Step 3



### Anterior Step 3

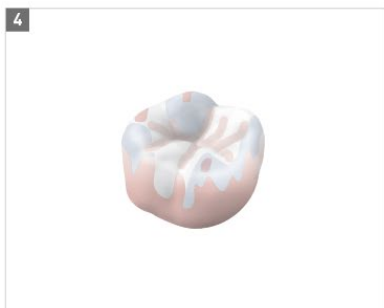
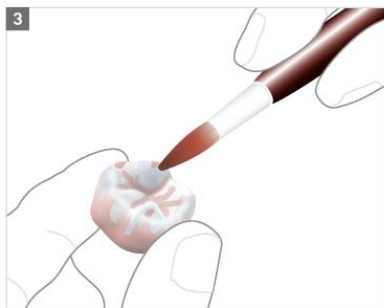
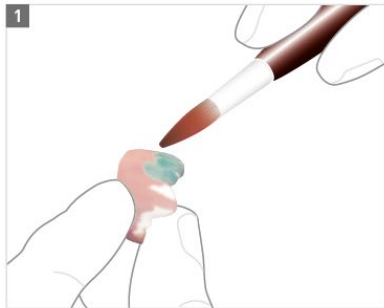


## Step 4

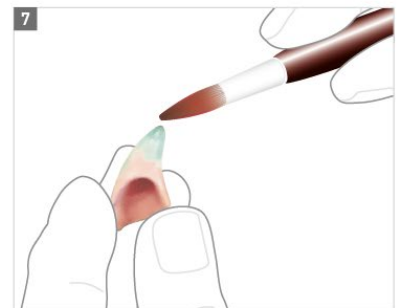
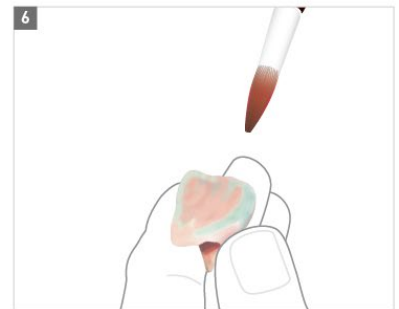
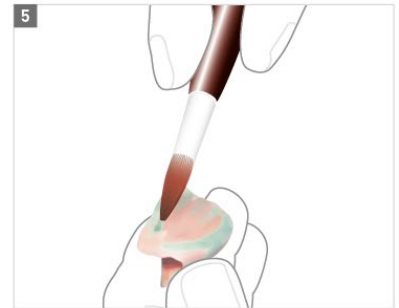
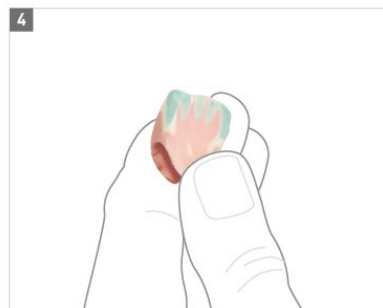
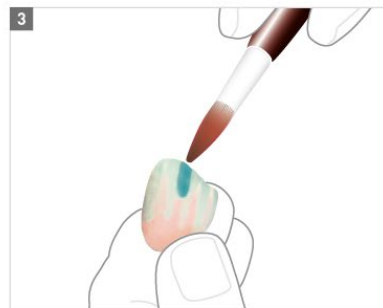
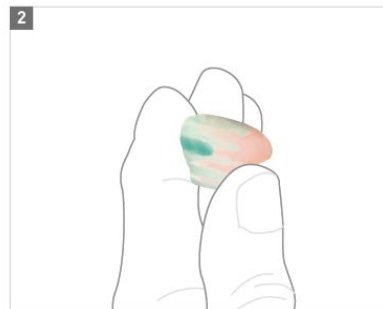
Individualize the incisal-/ enamel area, matching the neighboring teeth with the corresponding special liquids, blue and gray.

**TIPP:** In the labial region, of anterior restorations, paint the enamel ridge gray and blue repeatedly.

### Posterior Step 4



### Anterior Step 4



## Z-CAD® DEEP dipping for individual layering technique

The milled Zirconia units should be thoroughly cleaned. Utilizing a dry paint-brush and compressed air (low pressure and 100% oil-free). Prior to coloring, the objects must be completely dry. Never use metal pliers. Before using, shake the liquid containers thoroughly. Pour the required amount into a beaker. Utilizing the plastic pliers place the restoration into the liquid. Ideally the margin of the restoration is placed looking upwards.

Leave the Framework in the liquid for 5-10 minutes. Soaking the restoration for longer than this will not affect the coloring result. Dry it on a tissue under a red light heatlamp for 12 minutes. Place the restoration, with the margin looking upward onto the sintering beads. The sinter-cycle must be according to the provided instructions. After sintering, the framework can be cleaned with water prior to further processing.

