

# K2 MyStains

## Micro-layering with K2 Li Ceramic

### K2 MyStains Colours

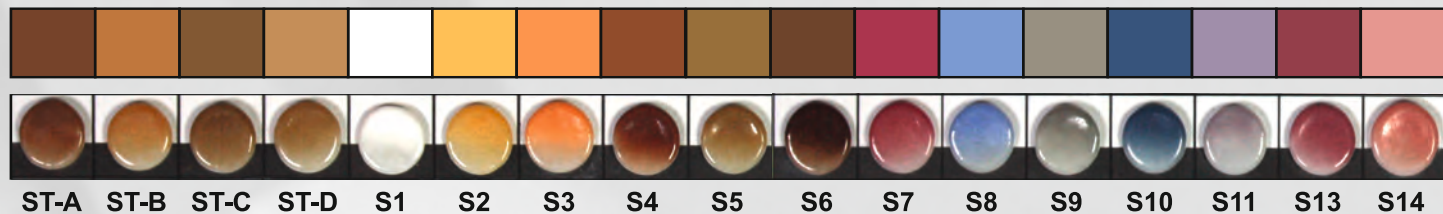


+



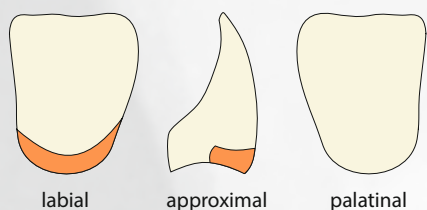
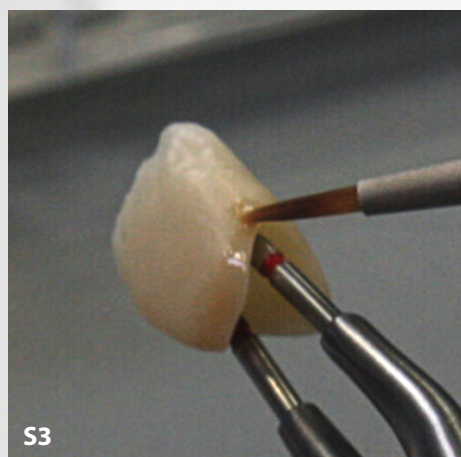
### K2 MyStains Glaze Powder



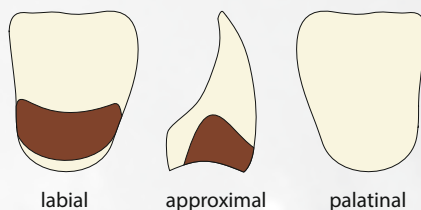
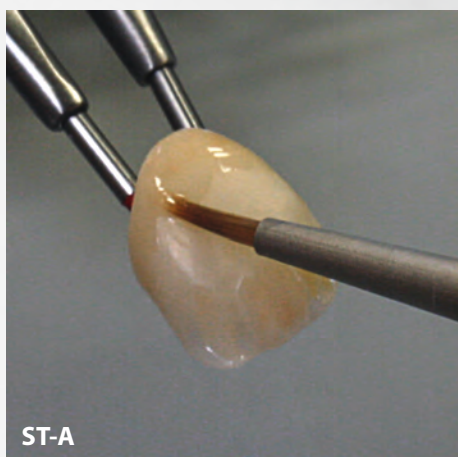


## K2 MyStains

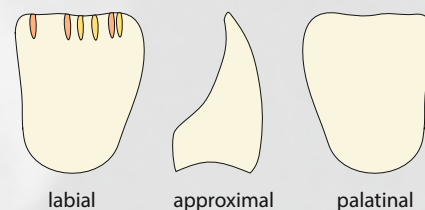
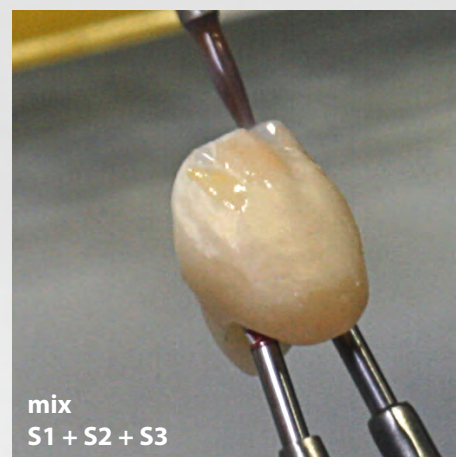
### 1. First Stain Application



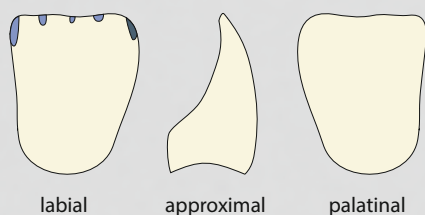
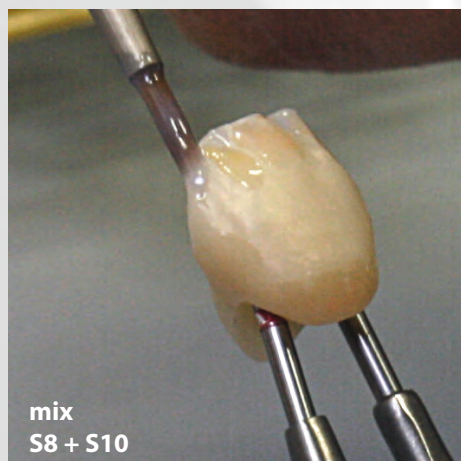
**cervical area**



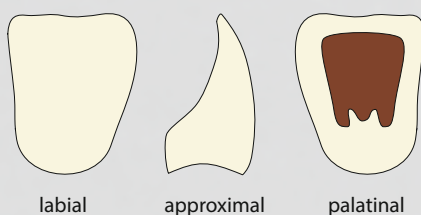
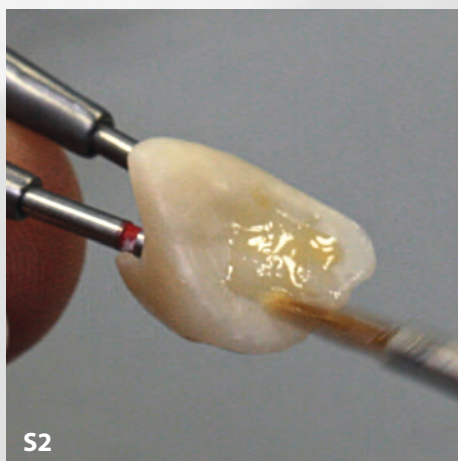
**Increased chroma**



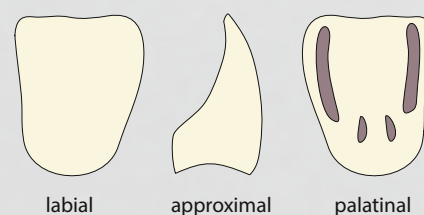
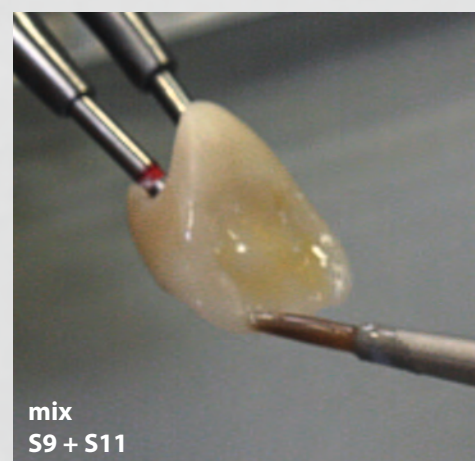
**Mamelon effects**



**Value control**

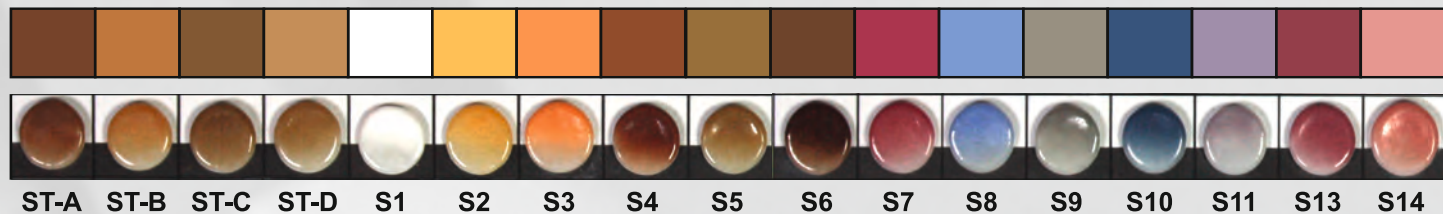


**Increased warmth**



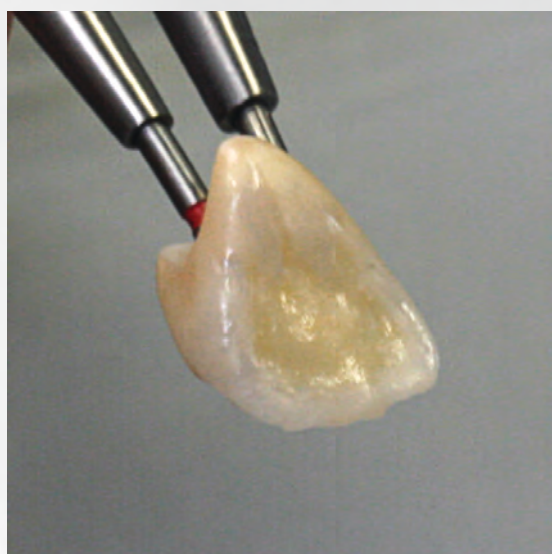
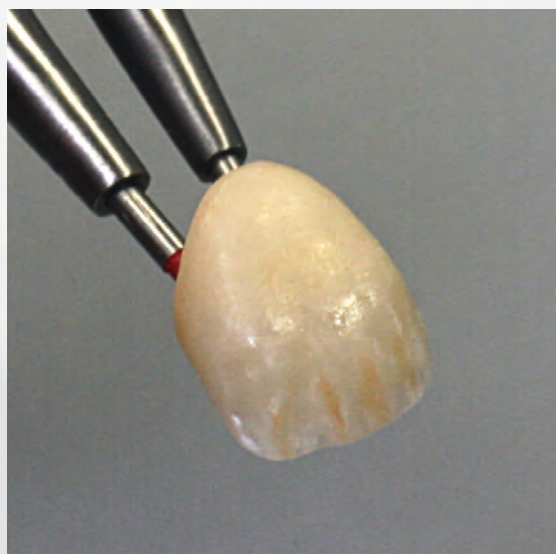
**in palatinal**

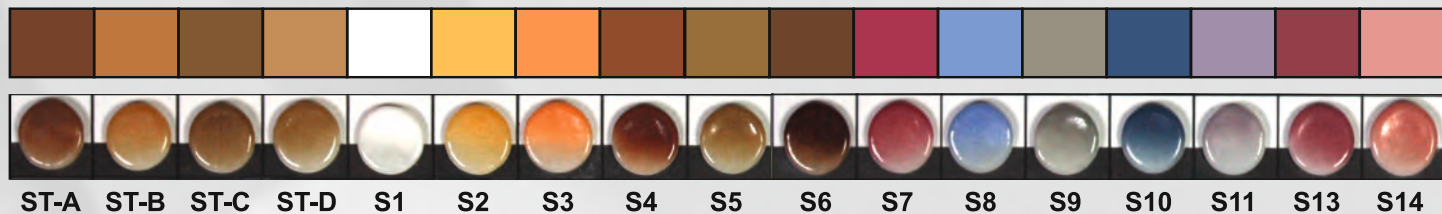




## K2 MyStains

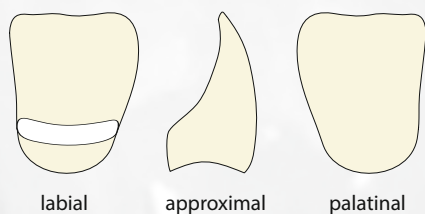
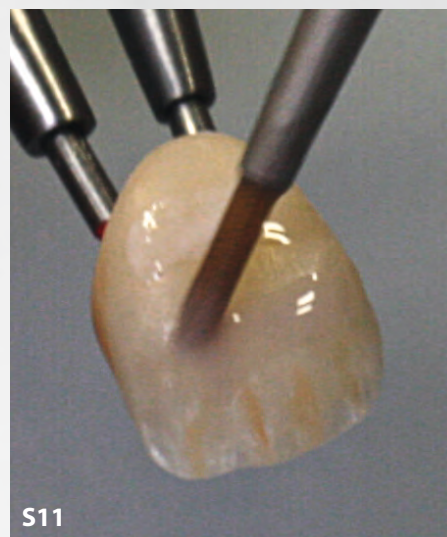
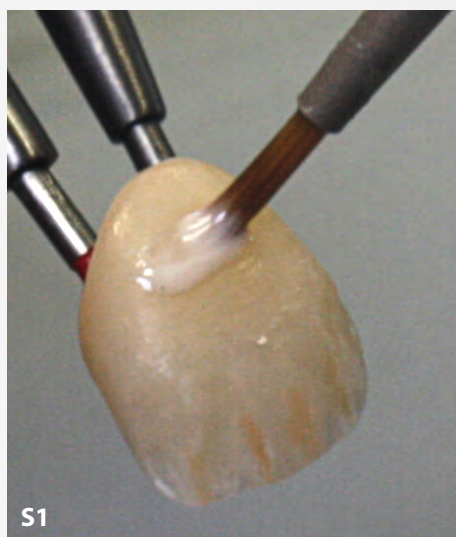
**After the first firing cycle**



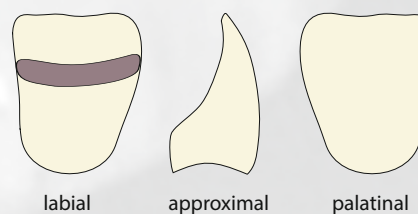


## K2 MyStains

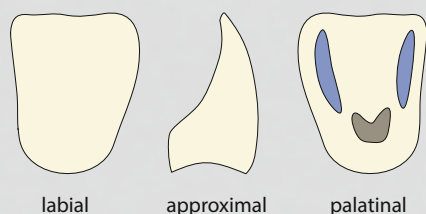
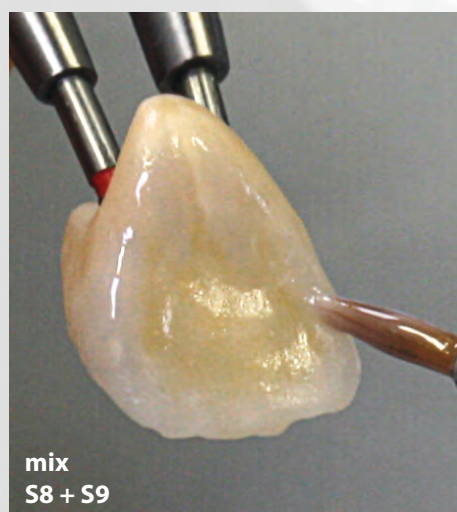
### 2. Second Stain Application



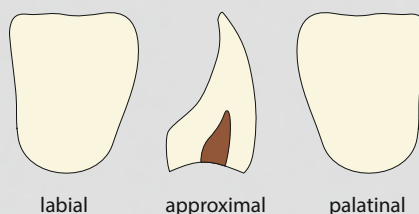
labial approximal palatal  
**Increased value at cervical third**



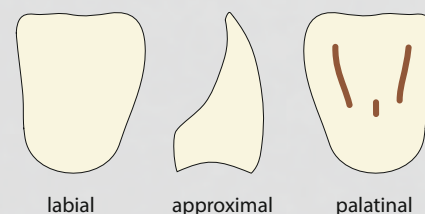
labial approximal palatal  
**Value control**



labial approximal palatal  
**enamel characterization**

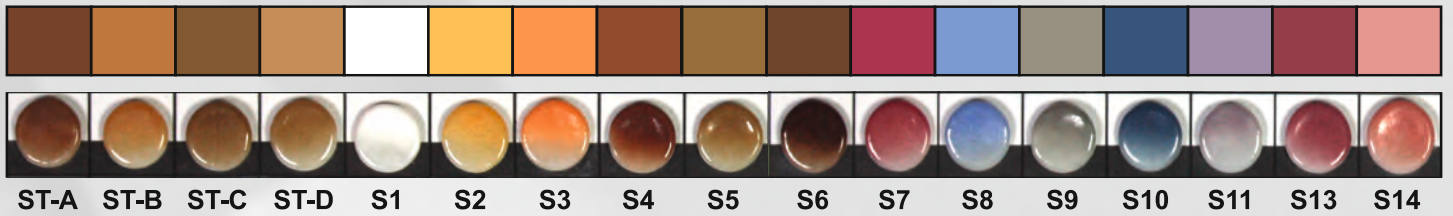


labial approximal palatal  
**Increased chroma in interproximal**



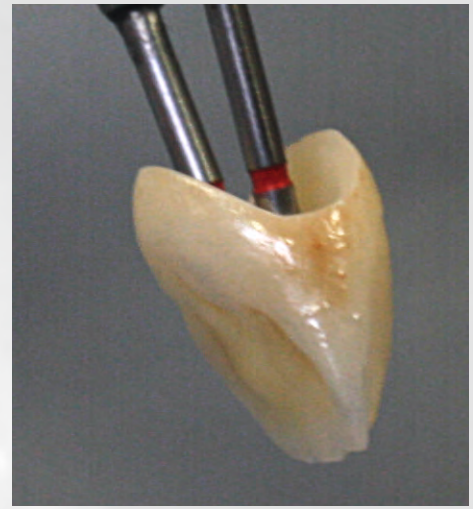
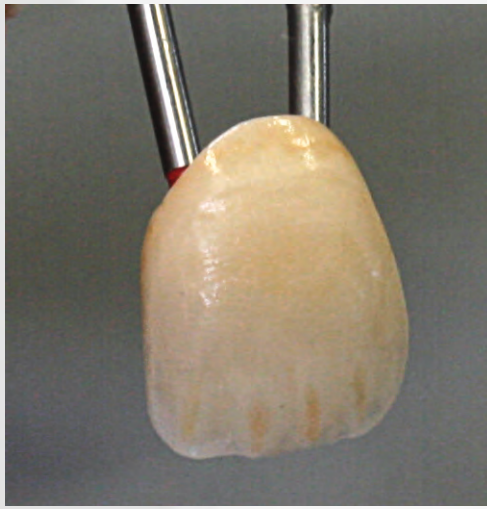
labial approximal palatal  
**and palatal fissures**





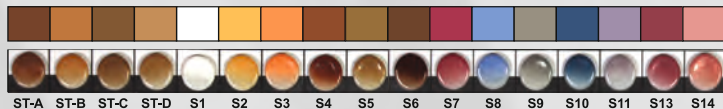
## K2 MyStains

### After second firing cycle



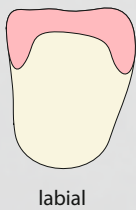
**When increased thickness (more than 0.5mm) is required with micro-layering, K2 MyStains in combination with K2 Li Ceramic offers the perfect combination of superior natural aesthetics, superior vitality and opalescence, along with maximum strength for metal-free restorations.**

**When micro-layering 0.5mm or less, K2 MyStains in combination with K2 MyStains Structure offer outstanding results with natural and life-like aesthetics. Exceeding 0.5mm with K2 MyStains Structure is not recommended as strength and integrity of the restoration may be compromised.**



# K2 MyStains Micro-layering

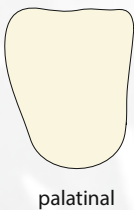
## 3. Micro-layering with: K2 Li Ceramic and Zirkonium Ceramic



labial



approximal



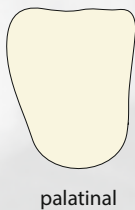
palatal



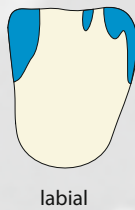
labial



approximal



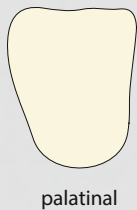
palatal



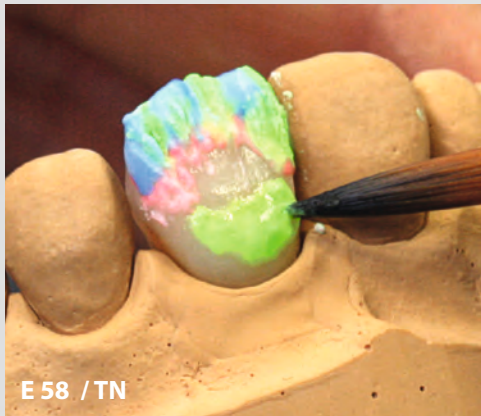
labial



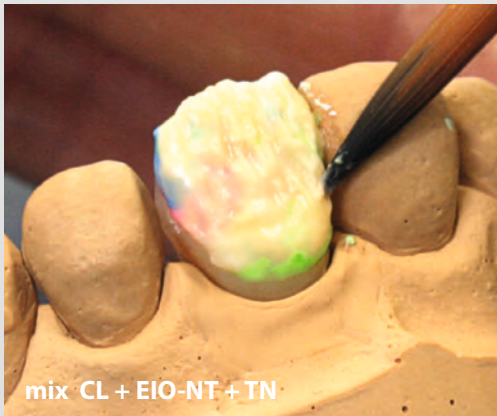
approximal



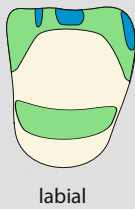
palatal



E 58 / TN



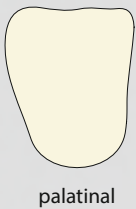
mix CL + EIO-NT + TN



labial



approximal



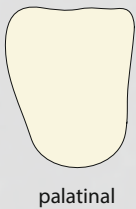
palatal



labial

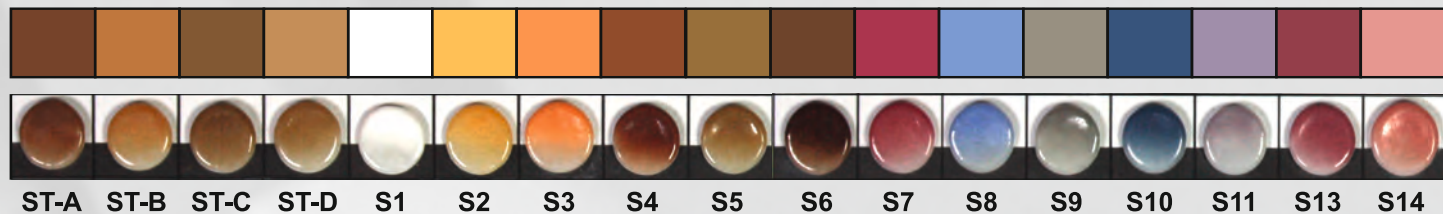


approximal



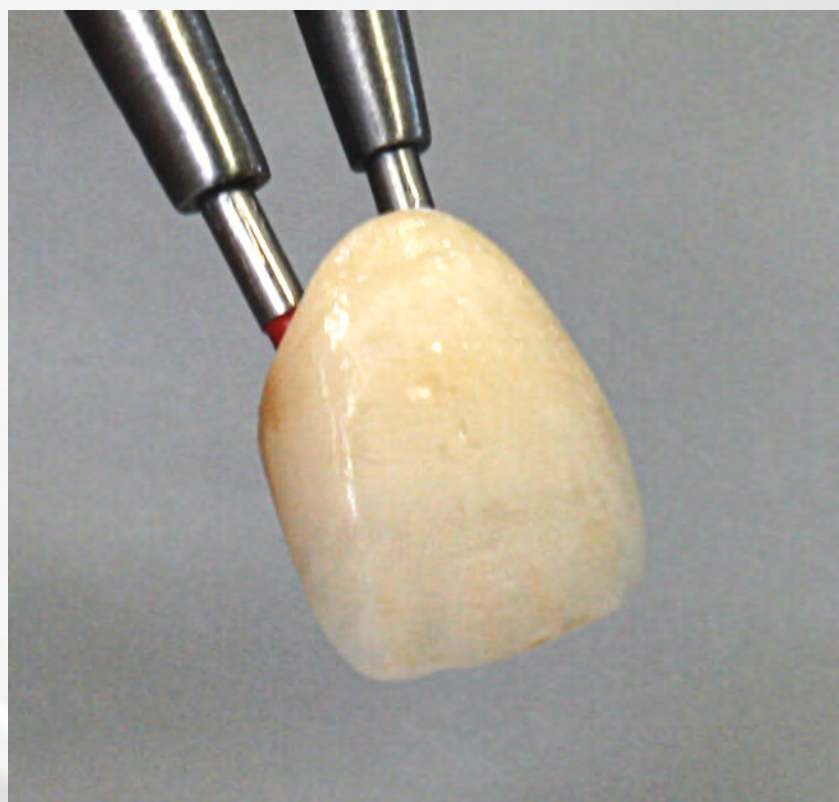
palatal

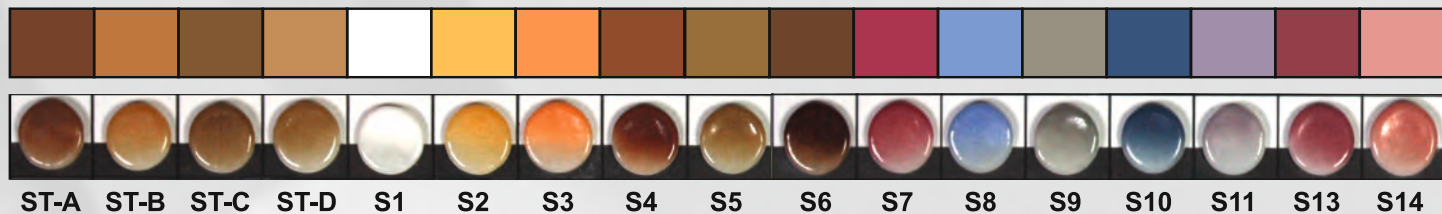




## K2 MyStains

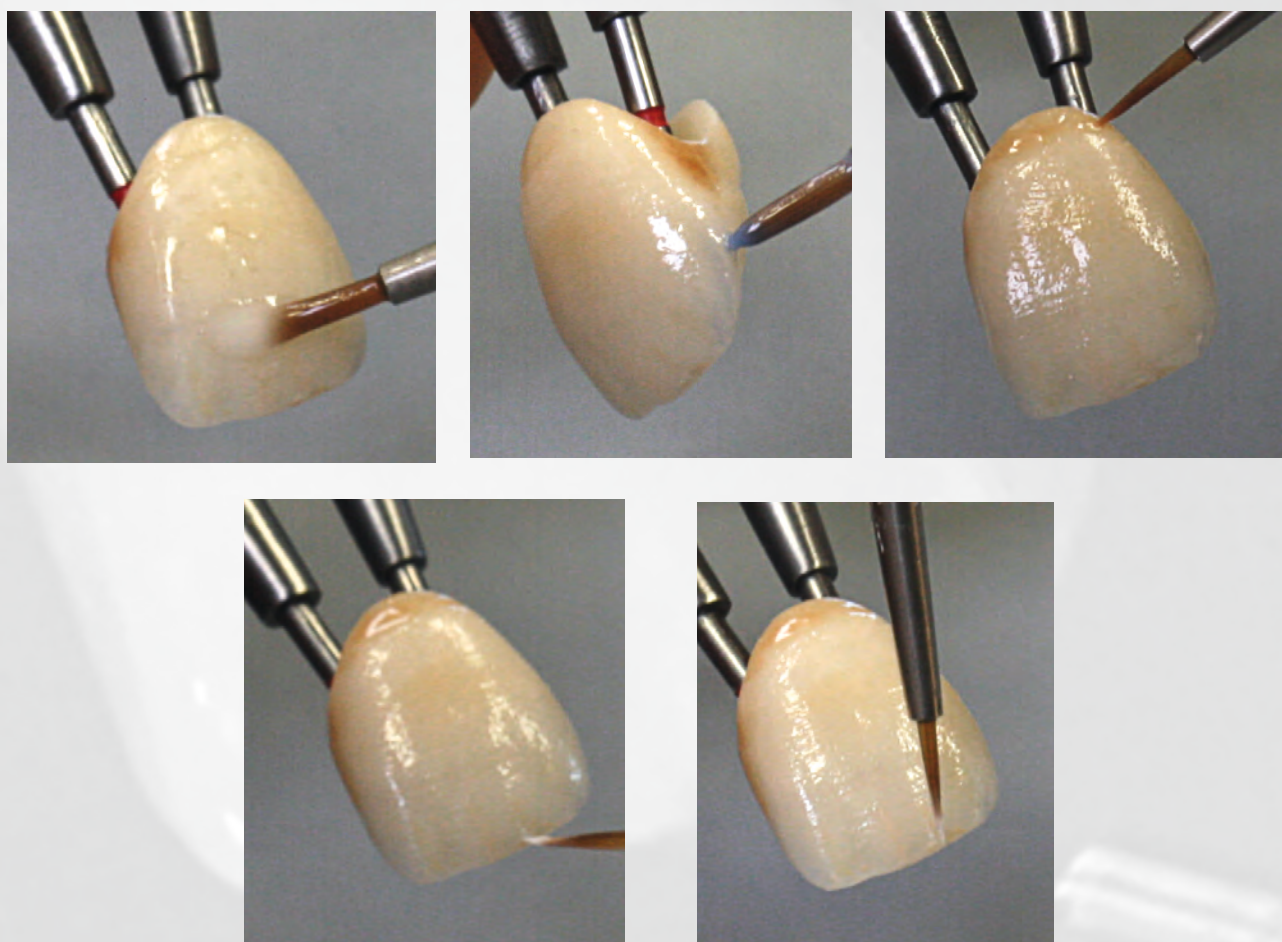
**After the third firing cycle**



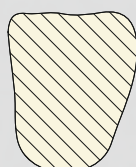


## K2 MyStains

### Glaze firing / Finish



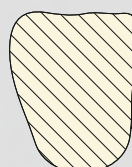
individual



labial

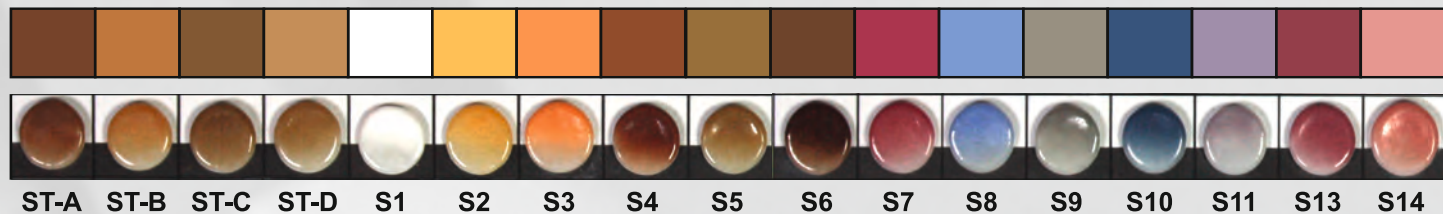


approximal



palatal

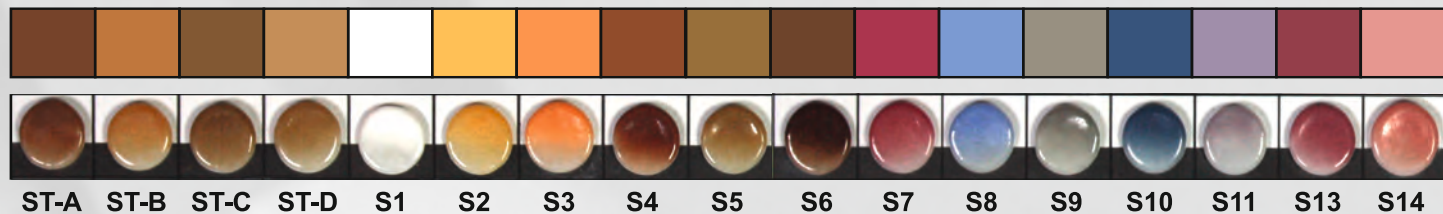




## K2 MyStains

**Finished crown after 4 firing cycles**



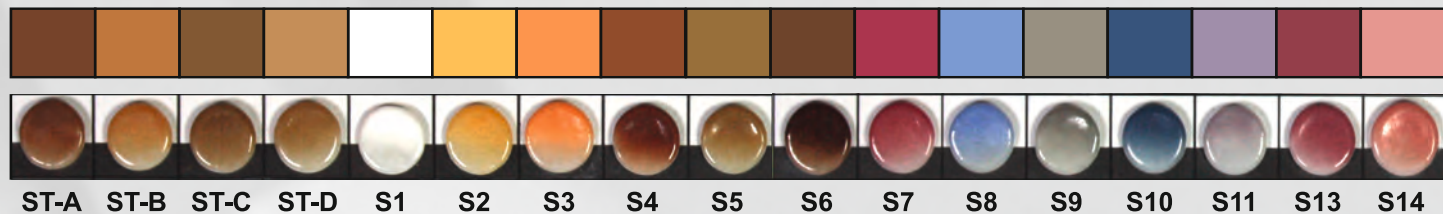


## K2 MyStains

**Finished crown after 4 firing cycles**







## K2 MyStains Results



before



after

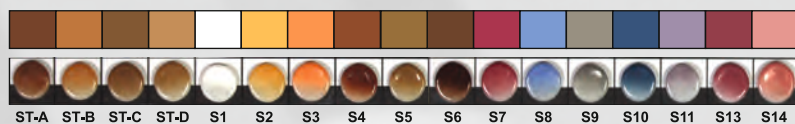
## Firing Tables



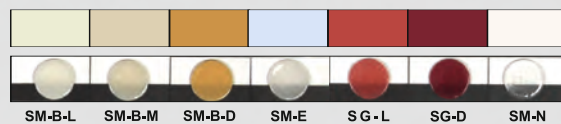
| Firing table for K2 MyStains – Glaze/Stain firing<br>for all ceramics listed below, as well as pure sintered zirconium (blanks) and monolithic lithium disilicate (pressed)                                                                                               |                      |        |                      |                                 |              |        |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------|----------------------|---------------------------------|--------------|--------|------------|
|                                                                                                                                                                                                                                                                           | Starting temperature | Drying | Rise temperature     | Final temperature               | Holding time | Vakuum | Appearance |
| <b>Low Fusing Ceramic (K2 LF)</b>                                                                                                                                                                                                                                         | 480°C / 896°F        | 4 min  | 45°C/min / 113°F/min | 750°C - 770°C / 1382°F - 1418°F | 1 min        | yes    | glossy     |
| <b>High Fusing Ceramic (K2 HF)</b>                                                                                                                                                                                                                                        | 480°C / 896°F        | 4 min  | 45°C/min / 113°F/min | 860°C - 880°C / 1580°F - 1616°F | 1 min        | yes    | glossy     |
| <b>Firing table K2 structure / Micro-layering</b>                                                                                                                                                                                                                         |                      |        |                      |                                 |              |        |            |
| <b>Lithiumceramic (K2 Li)</b>                                                                                                                                                                                                                                             | 450°C / 842°F        | 4 min  | 45°C/min / 113°F/min | 750°C - 780°C / 1382°F - 1436°F | 1 min        | yes    | glossy     |
| <b>Zirconceramic (K2 Zi)</b>                                                                                                                                                                                                                                              | 480°C / 896°F        | 4 min  | 45°C/min / 113°F/min | 790°C - 810°C / 1454°F - 1490°F | 1 min        | yes    | glossy     |
| <b>Zirconium Dioxide (Blanks)</b>                                                                                                                                                                                                                                         | 450°C / 842°F        | 6 min  | 45°C/min / 113°F/min | 800°C - 950°C / 1472°F - 1742°F | 1 min        | yes    | glossy     |
| <b>Lithium Disilicate (Blocs)</b>                                                                                                                                                                                                                                         | 450°C / 842°F        | 4 min  | 45°C/min / 113°F/min | 730°C - 780°C / 1346°F - 1436°F | 1 min        | yes    | glossy     |
| <p><b>The firing parameters given above are guidelines that must always be adapted to the kiln used and the situation of the kiln. The correct firing result is crucial.</b></p> <p><b>If milled from blue CAD/CAM, please crystallize completely before glazing.</b></p> |                      |        |                      |                                 |              |        |            |



## K2 MyStains



## K2 MyStains Structure



### coloring paints: K2 MyStains ...

|          |                                  |
|----------|----------------------------------|
| 388-0001 | ... ST-A, 2 g                    |
| 388-0002 | ... ST-B, 2 g                    |
| 388-0003 | ... ST-C, 2 g                    |
| 388-0004 | ... ST-D, 2 g                    |
| 388-0011 | ... ST-S1, white, 2 g            |
| 388-0012 | ... ST-S2, honey, 2 g            |
| 388-0013 | ... ST-S3, orange, 2 g           |
| 388-0014 | ... ST-S4, beige, 2 g            |
| 388-0015 | ... ST-S5, caramel, 2 g          |
| 388-0016 | ... ST-S6, darkbrown, 2 g        |
| 388-0017 | ... ST-S7, brickred, 2 g         |
| 388-0018 | ... ST-S8, skyblue, 2 g          |
| 388-0019 | ... ST-S9, grey, 2 g             |
| 388-0020 | ... ST-S10, royalblue, 2 g       |
| 388-0022 | ... ST-S11, illusion violet, 2 g |
| 388-0023 | ... ST-S13, uni red, 2 g         |
| 388-0024 | ... ST-S14, uni gingiva, 2 g     |

### structure masses: K2 MyStains ...

|          |                                        |
|----------|----------------------------------------|
| 388-0108 | ... Structure Body light, SM-B-L, 2 g  |
| 388-0109 | ... Structure Body medium, SM-B-M, 2 g |
| 388-0110 | ... Structure Body dark, SM-B-D, 2 g   |
| 388-0111 | ... Structure Enamel SM-E, 2 g         |
| 388-0112 | ... Structure Gingiva light SG-L, 2 g  |
| 388-0113 | ... Structure Gingiva dark SG-D, 2 g   |
| 388-0114 | ... Structure neutral SM-N, 2 g        |

### Enamel masses / Liquid: K2 MyStains ...

|          |                                            |
|----------|--------------------------------------------|
| 388-0100 | ... Glaze Powder, GL, 10 g                 |
| 388-0101 | ... Glaze Powder, GL-F (fluorescent), 10 g |
| 388-0150 | ... Glaze Standard Liquid GL, 50 ml        |
| 388-1150 | ... Colors-Structure Liquid LL, 50 ml      |



## K2 MyStains

With the new K2 MyStains, the ceramics can be painted, tinted and individualized very well. If mixed with the appropriate Structure Liquid, the colors "stand" very well and the desired effect remains as it was applied.

## K2 MyStains Structure

can be used after stain firing. To individualize the surface structure, up to 0.5 mm of texture compound can be applied, but only in non-functional areas.

However, it is possible to apply small contact points.

### Note:

- Structure materials should be mixed on a glass or ceramic mixing tray, so that no liquid can be sucked in.
  - The compounds and the liquid should be mixed with an agate or glass spatula.
  - All K2 MyStains may only be mixed with the corresponding liquid.
- The use of water is urgently prohibited!

### Use:

The **K2 MyStains** are suitable for monolithic restorations and all restorations corresponding to the CTE value, low-fusing or high-fusing ceramic veneers.

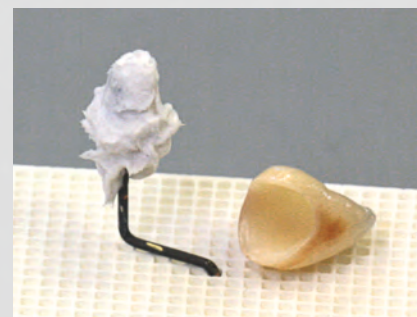
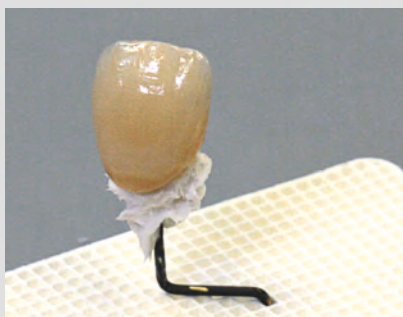
The **structural materials** may only be used for zirconium and lithium disilicate.



### recommended:

Fix Firing Paste, firing paste  
After the ceramic firing, simply lift the restorations off the firing pad.

- **easy to remove**
- no sandblasting or scraping out necessary





## Micro-layering: K2 MyStains and K2 Li Ceramic

