

CEREC Tessaera™

Advanced Lithium Disilicate



Esthetics for every need

dentsplysirona.com

THE DENTAL
SOLUTIONS
COMPANY™

 **Dentsply
Sirona**

FOR EVERY NEED

Whether simply glazed, with stains, characterized or individualised with veneering ceramics, CEREC Tessera offers the necessary flexibility.

CEREC Tessera™

The selection of materials for all-ceramic restorations often requires a balance between strength and esthetics. CEREC Tessera combines esthetics, strength and speed and helps to avoid compromises.

A wide variety of esthetic and economic requirements of dentists, patients and dental laboratories require flexible high-performance materials and validated processes. CEREC Tessera offers a wide range of solutions at the highest level for joint success.



“ Minimal effort, excellent results – CEREC Tessera enables me to meet the various requirements of my dentists in the best possible way. ”

Lino Adolf, CDT, UK



“ Particularly important for me is the fast processing in combination with the excellent marginal stability of the restorations. ”

Sabine Mayer, CDT, Germany



“ The high strength offers me even with fine marginal structures a high degree of safety. ”

Hans-Jürgen Joit, MDT, Germany

The restoration shown here was only painted with DS Universal stains Crème and Mahogany and glazed.

ESTHETICS

The interaction of the dual crystal structure of CEREC Tessera with the visible light spectrum produces outstanding translucency, fluorescence and opalescence properties. On this basis, varying demands can be easily and quickly translated into vivid esthetics of the restorations.

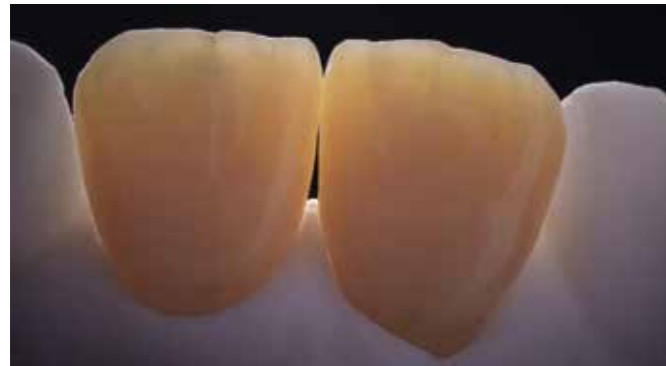
As CEREC Tessera blocks are already tooth-colored, this is all the easier.



“ I am just delighted with the result. ”

Sabine Mayer, CDT, Germany

Esthetically, Tessera offers a dynamic light scattering due to the microcrystal lattice to imitate the natural tooth. A highly esthetic material, which convinced me with its natural opalescence, fluorescence and translucency.



Monolithic, individualization with DS Universal Stain & Glaze



Minimal Cut-back mit Celtra Ceram, DS Universal Stain & Glaze

FLEXIBILITY

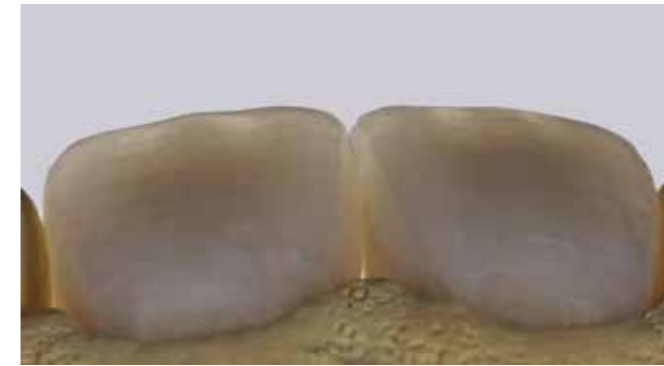
Different requirements, wishes and indications require flexibility in the fabrication of all-ceramic restorations in order to ideally meet them. CEREC Tessera with just one glaze, rapid and minimal individualization with stains, and the option of cut-back veneering with Celtra Ceram offer the necessary flexibility for dental laboratories and dental practices. And at the highest level.



“ For my high demands exactly the right material. ”

Mario Pace, CDT, Germany

Whether restorations with fine margins only glazed and stained or minimally veneered, CEREC Tessera allows me to concentrate fully on the desired subtleties of the esthetic refinement.



Whether simply glazed or, as shown here, with minimal incisal customization with Celtra Ceram



ESTHETICS & FLEXIBILITY

Esthetic Level ■□□□□

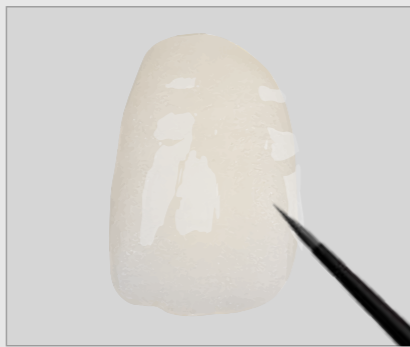
A glaze with a fire



Using the example of the maxillary anterior tooth color HT A2



Finely machined contour and surface



Application over the entire surface of the glaze Overglaze Fluo

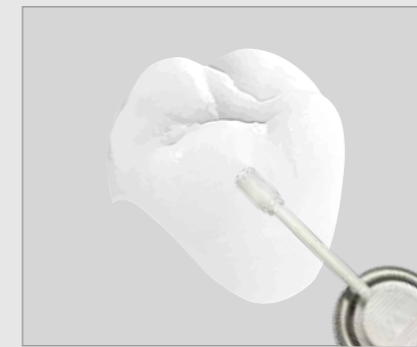


Final fired restoration

Using the example of the maxillary posterior tooth color MT A2



Finely machined contour and surface



Spray Glaze Fluo over the entire surface



Final fired restoration

Esthetic Level ■■□□□

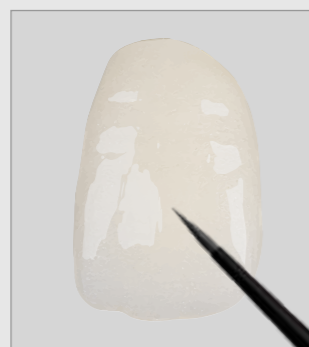
Stain and glaze in 1 fire



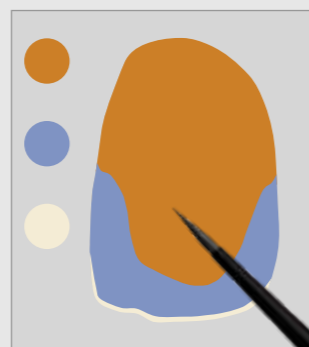
Using the example of the maxillary anterior tooth color HT A2



Finely machined contour and surface



Application over the entire surface of the glaze Overglaze Fluo



Placement and thin application of stains Body S1, Incisal i1, Crème

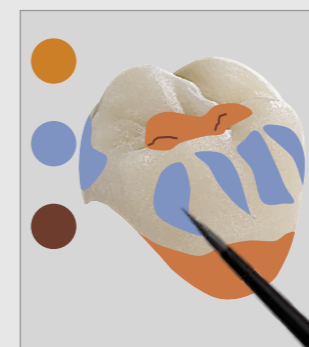


Final fired restoration

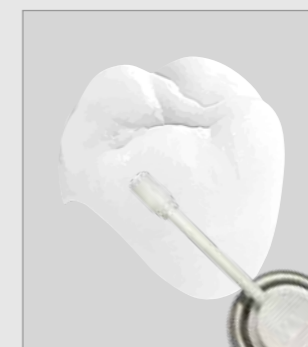
Using the example of the maxillary posterior tooth color MT A2



Finely machined contour and surface



Placement and thin application of stains Body S1, Incisal i1, Mahogany



Spray Glaze Fluo over the entire surface



Final fired restoration

ESTHETICS & FLEXIBILITY

Esthetic Level ■■■□□

Stain and glaze in 2 firings

Using the example of the maxillary anterior tooth color HT A2

Finely machined contour and surface

Placement and application of stains Body S1 + 50% Crème, Blue and Crème

1. ceramic fire / stains

Application over the entire surface of the glaze Overglaze Fluo

Final restoration after 2. fire



Using the example of the maxillary posterior tooth color MT A2

Finely machined contour and surface

Placement and application of stains Body S1, Incisal i1, Crème and Mahogany

1. ceramic fire / stains

Spray Glaze Fluo over the entire surface

Final restoration after 2. fire



ESTHETICS & FLEXIBILITY

Esthetic Level ■ ■ ■ ■ ■ □

One Celtra Ceram enamel mass, one stain and glaze

Using the example of the maxillary anterior tooth color HT A2



1. Finely machined contour, mamelon-structure and surface

2. Placement and application of the Opal enamel EO1

3. After the 1. ceramic firing. Further finishing with suitable diamond grinders

4. Application over the entire surface of the glaze Overglaze Fluor

5. Placement and application of Stain Crème

6. Final restoration after 2. fire

Esthetic Level ■ ■ ■ ■ ■ ■

Three Celtra Ceram enamel masses, one stain and glaze

Using the example of the maxillary anterior tooth color HT A2

See this video for more:
[CEREC Tessera](#)
Cut-back Veneering



1. Cut-back, reduction of the incisal area in the inLab CAD software

2. For veneering prepared crown

3. Placement and application of the ceramic masses Dentin A1 (Mamelons) and Enamel E4

4. Completion of the incisal area with the Opal enamel EO1

5. After the 1. ceramic firing. Further finishing with suitable diamond grinders

6. Application over the entire surface of the glaze Overglaze Fluor

7. Placement and application of Stain Crème

8. Final restoration after 3. fire



The restorations of the esthetic levels were made by:

Yamen Chaban
CDT, Education Specialist Dentsply Sirona



See this video for more:
CEREC Tessera
Tips & Tricks






Color allocation CEREC Tessera and Celtra Ceram enamel masses



Tessera	MT/LT BL2 ¹	MT A1	MT A2	MT A3	MT A3.5	MT C1	MT D2	MT A1	HT A2	HT A3
Celtra Ceram	E1	E1	E1	E1	E2	E1	E1	E1	E1	E1

¹ For BL2, the 1:1 mix of E1+E5 can also be used.

Color allocation CEREC Tessera and DS Universal Stains

VITA™ ² Color	Bleach	A	B	C	D
Universal Stain	Stain 0 	Stain 1 	Stain 2 	Stain 3 	Stain 4 



² VITA™ is not a registered trademark of Dentsply Sirona.

Use of Incisal Stains

Stain	Tooth Color
Incisal Stain i1 	A1, A2, A3, B1, B2, B3, B4, D2, D3, Bleach
Incisal Stain i2 	A3.5, A4, C1, C2, C3, C4, D4



For detailed processing information, please refer to the respective instructions for use:
<https://www.dentsplysirona.com/en/service-contact/download-center.html>



Firing programs and recommendations for various ceramic furnaces are available at:
<https://www.dentsplysirona.com/en/explore/restorative/cerec-tessera.html>



“ The esthetics and the efficiency, it’s just perfect for me. ”

Bart Cothran, CDT, USA

A highly esthetic material that has already convinced me in the fabrication of monolithic restorations. The combination of high esthetics and strength gives me confidence and high efficiency and flexibility in the dental laboratory. The marginal stability is outstanding over the whole production process and the tooth colored blocks make shade selection easier.



Monolithic, individualization with only DS Universal Stain & Glaze



Minimal cut-back with Celtra Ceram, DS Universal Stain & Glaze



“ Minimal effort, excellent results – CEREC Tessera enables me to meet the various requirements of my dentists in the best possible way. ”

Lino Adolf, CDT, UK

Of course, the esthetics plays a major role. But with the superior strength of CEREC Tessera I also have a high degree of certainty in the marginal quality of my restorations. This minimizes the risk in the fabrication of the restorations and gives my dentists confidence in the practice. This applies to everything, from monolithic to esthetically enhanced restorations.













Minimal cut-back with Celtra Ceram, DS Universal Stain & Glaze











Final restoration with a lifelike esthetic

TRANSLUCENCY & COLOR

The interplay of color, chroma, translucency, and material thickness is essential for the specific selection of the material in order to achieve the highest-quality restorations in the fastest and safe way. The CEREC Tessera stairs shown here are only glazed and show the different behavior.

<p>HT, A2</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 	<p>HT, A3</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 
<p>MT, A1</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 	<p>MT, A2</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 
<p>MT, A3</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 	<p>MT, A3.5</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 

Original size of the material samples (stairs): 7.5 mm x 14 mm.

<p>MT, B1</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 	<p>MT, C1</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 
<p>MT, D2</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 	<p>MT/LT, BL2</p>  <p>Material thickness</p> <ul style="list-style-type: none"> 0.5 mm 1.0 mm 1.5 mm 2.0 mm 

FLUORESCENCE

In addition to translucency and opalescence, the fluorescence of natural teeth under specific light conditions (UV light) is a component of natural esthetics. CEREC Tessera blocks are already equipped with fluorescence. You can see in the video how you can control this even more specifically and according to your needs with fluorescent glazing material.



Fluorescence of natural teeth under UV light

In this training video you can see more:

[CEREC Tessera Fluorescence](#)



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