



HeraCeram® Zirkonia 750

The “cool” solution for LiSi and zirconia.

Giving a hand to oral health.



KULZER
MITSUI CHEMICALS GROUP

HeraCeram® Zirkonia 750

The “cool” solution for LiSi and zirconia.

Why use two ceramics when all you need is one?

HeraCeram Zirkonia 750. One ceramic for every type of zirconia and lithium disilicate restoration. HC Zirkonia 750 stands out with its proven adhesive, fine particle size, highly extended gingival range and increased shade selection. And it's now more antagonistfriendly due to increased density, ensuring longlasting and natural looking restorations.

There are no limits!

HeraCeram Zirkonia 750 has all the aesthetic and professional resources you need to recreate nature on all-ceramic frames. It offers an impressive range of chromadentines, our HeraCeram Zirkonia 750 Adhesive with increased wettability and a wide range of gingiva shades. You now have the resources to deliver simple everyday restorations, as well as finely detailed and high-end individualised restorations of supreme quality – with a single ceramic for all ceramic frames (CTE of 9,7–11,0 $\mu\text{m}/\text{m} \cdot \text{K}$).

The advantages at a glance:

- One ceramic for all types of zirconia and lithium disilicate.
- HeraCeram Zirkonia 750 Adhesive. Our proven single bonding strategy.
- Elevated surface smoothness and density.
- Impressive range of chromadentines ensuring shade accuracy.
- Low temperature firing. No chance of warpage or discolouration of colored zirconia framework.

Tutorial videos of the different layering methods:



Everyday Layering

www.kulzer.com/video_HC750_everyday



Personalised Layering

www.kulzer.com/video_HC750_personalised



Matrix Layering

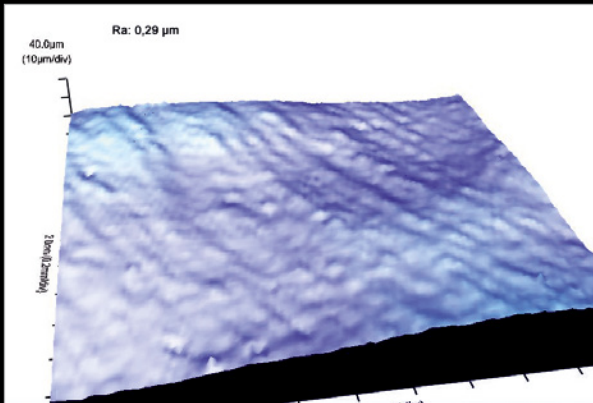
www.kulzer.com/video_HC750_matrix

Ensuring strength and durability.

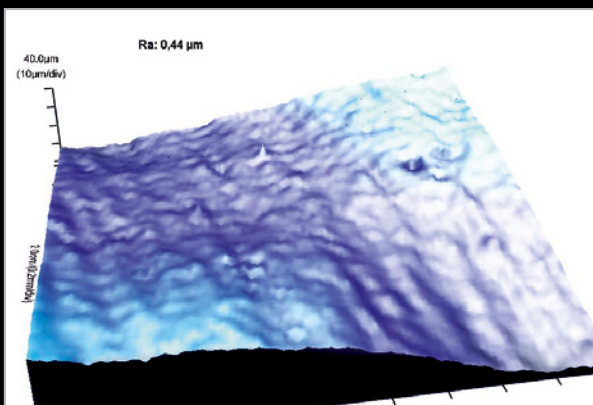
Great restorations that last.

A dental technician's work should never go unnoticed. But isn't that what your patients want? To make sure that your restorations stand the test of time and still look great, we have created a manufacturing process that refines particle size thereby increasing the density of our ceramic. HeraCeram Zirkonia 750 creates antagonistfriendly restorations which are extremely durable and long-lasting thanks to elevated surface smoothness and density.

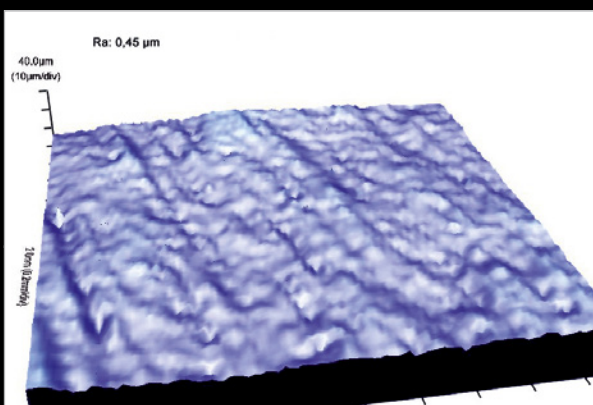
Ceramic surface, chairside polished



HeraCeram Zirkonia 750



Competitor I



Competitor II

Source: Kulzer R&D

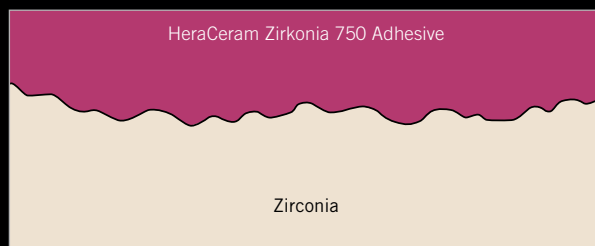
HeraCeram® Zirkonia 750

HeraCeram Zirkonia 750 Adhesive.

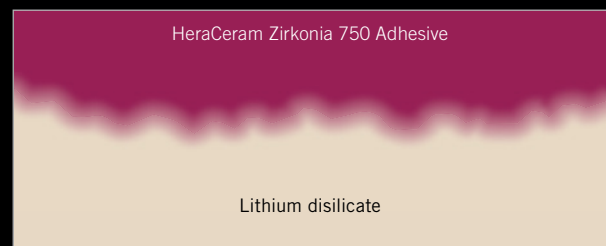
Maximum bonding power. A new way of thinking.

HeraCeram Zirkonia 750 Adhesive

HeraCeram Zirkonia 750 Adhesive guarantees high bonding even at lower temperatures. One bonding solution for lithium disilicate and zirconia frameworks! Its fine grain size improves handling and firing properties, while offering smoother consistency and increasing the wettability of the framework surface. Our proven single bonding strategy creates adhesive bonds to zirconia and cohesive bonds to lithium disilicate. HeraCeram Zirkonia 750 Adhesive has built-in fluorescence which is seen at the deepest part of the restoration.



Adhesive bond with zirconia



Cohesive bond with lithium disilicate

Smooth and uniform surface due to high wettability



Competitor bonding layer
Non-homogeneous, jagged
surface



HeraCeram Zirkonia 750
Adhesive Smooth, uniform
surface

Source: Kulzer R&D



One for two: HeraCeram Zirkonia 750 Adhesive creates a secure bond on zirconia and lithium disilicate.

HeraCeram[®] Zirkonia 750 Chromadentine.

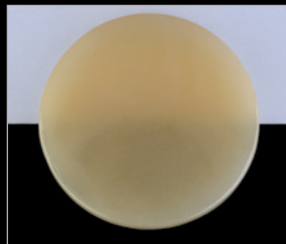
The perfect dentine core is in your hands.

It is important to have options when creating the dentine core. Success will depend upon the colour or transparency of the underlying frame. **HeraCeram Zirkonia 750 chromadentine** can be applied as necessary depending upon your preference. Its placement will ensure density of shade as it compensates for light interaction whether on white, coloured or transparent frames. On bright zirconia frames, missing chroma can be balanced and on transparent frames value can be increased.

Dentine and chromadentine samples on top of two different background shades



HeraCeram Zirkonia 750
chromadentine

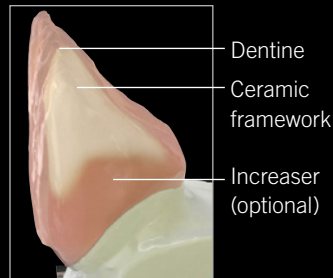


HeraCeram Zirkonia 750
dentine

HeraCeram Zirkonia 750 chromadentine is coded according to the desired dentine shade (e.g. CD A3 for D A3). The high colour density of chromadentine will help you to conceal underlying frameworks better.



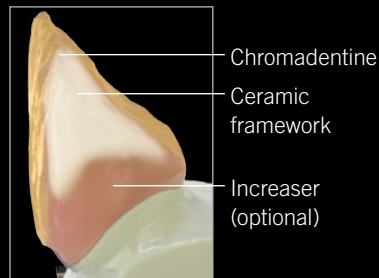
The colour and brightness are very close to that of the desired tooth shade.



In this case, the dentine core can be built up using dentine material.



This framework differs significantly in colour and brightness from the target shade.



The use of chromadentine is recommended for build up of the dentine core.

HeraCeram® Zirkonia 750

Natural results in every situation.



Restoration and photo by Rudiger Neugebauer, CDT and lab owner in Porto

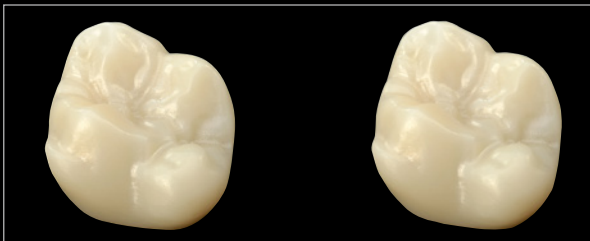
Teeth: 11 + 21: Nature like restoration with HeraCeram Zirkonia 750

Accurate shades at low firing temperatures.

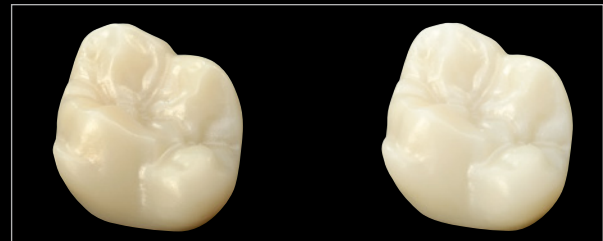
Firing temperature

HeraCeram Zirkonia 750 is specifically designed to be fired at low temperatures, which is essential when applying to lithium disilicate frames.

Low temperature firing across all ceramic frames will ensure stability of the chroma as shade pigments will not go through a decomposition process.



Example of Zirconium dioxide frame before and after ceramic firing at 750 °C



Example of Zirconium dioxide frame before and after ceramic firing at 850 °C

| HeraCeram Zirkonia 750 Sets | |
|-----------------------------|----------|
| | Art.-No. |
| First-Touch set | 66060702 |
| Dentine-Incisal set | 66060703 |
| Chromadentine set | 66067055 |
| Increaser set | 66060704 |
| Enhancer set | 66060705 |
| Matrix set | 66060706 |
| Margin set | 66067061 |
| Gingiva set | 66067062 |

HeraCeram Zirkonia 750 range

| Contents | |
|----------|----------------------------|
| 1 | Adhesive |
| 16 | Dentine |
| 2 | Dentine Bleach |
| 16 | Chromadentine |
| 4 | Incisal material |
| 1 | Incisal Bleach |
| 3 | Transparency material |
| 22 | Increaser |
| 6 | Enhancer |
| 2 | Mask |
| 6 | Gingiva shades |
| 3 | Mamelon dentine |
| 2 | Secondary dentine |
| 4 | Value material |
| 4 | Opal incisal |
| 9 | Opal transparency material |
| 5 | Margin HM |
| 5 | Margin LM |
| 1 | Correction material |



HeraCeram Saphir and HeraCeram Zirkonia 750 – Experience the Light Booster.

HeraCeram Saphir – Let your talent
shine on metal frames.

HeraCeram Zirkonia 750 – The “cool”
solution for LiSi and zirconia.



HeraCeram Stains universal – a complete range of stains
for all our ceramic lines.

24 vibrant stains alongside glaze material for use on any type of our ceramic
lines – a perfect match for HeraCeram Saphir and HeraCeram Zirkonia 750!

Further information and materials can be found at: [kulzer.com/heraceram](https://www.kulzer.com/heraceram)

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