



## Restoration of Choice for High Translucency

The **Zirconia (R)evolution** Translucent like a lithium disilicate - strength like a zirconia. A material perfect for aesthetic treatments in the anterior and posterior tooth region. The Crystalite crown is a material revolution for dentists who love aesthetics and excellence.

A highly biocompatible material with outstanding transparency. Crystalite combines the known positive properties of zirconia with a significant increase in translucency as is known from lithium disilicate materials like IPS e.max. Available in up to 4 unit bridges and in all VITA shades, this new full contour zirconia changes the way we create beautiful restorations.

### Indications:

- Crowns
- Crowns Over Implants
- Bridges up to 4 units depending on span
- Inlays/Onlays
- Veneers

### Advantages:

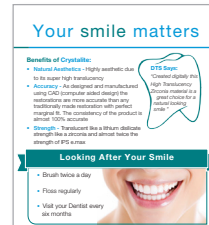
- **Aesthetics** - Highly aesthetic due to its super high translucency
- **Accuracy** - As designed and manufactured using CAD (computer aided design) the restorations are more accurate than any traditionally made restoration with perfect marginal fit. The consistency of the product is almost 100% accurate
- **Strength** - Translucent like a lithium disilicate - strength like a zirconia and almost twice the strength of IPS e.max



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### Product Facts

Impression Technique	Traditional or Digital
Material	Monolithic super translucent zirconia
Indications	Full mouth, crowns, bridges up 4 units, implants
Recommended use	Full mouth, single crowns
Margins	Feather edge, chamfer or shoulder
Cementation	Conventional cementation
Turnaround Time	5 Lab Days
Method of manufacture	Digitally designed and manufactured
Aesthetics	✓✓✓✓
Shades / colouring	No internal effects, standard shades
Strength	✓✓✓✓
Add-on options	Fit to denture
Benefits	High durability high strength metal-free, exceptional accuracy and economical
Warranty	5 years
Type	Independent Crown
Popularity	✓✓✓✓✓



Help your patients understand your recommended restoration with our patient friendly cards.

### Patient Support Literature

For more information or to order literature please call 0141 556 5619 or email [restorations@dts-international.com](mailto:restorations@dts-international.com)

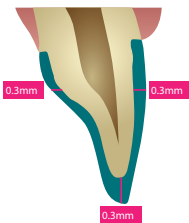


**DTS DIGITAL**

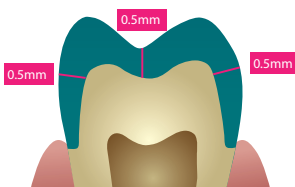
Recommended for use in conjunction with Oral Scanners

To find out more about our digital workflows or to make the first step into digital dentistry please contact us on 0141 556 5619 or email [scans@dts-international.com](mailto:scans@dts-international.com)

### Preparation Guide



Recommended preparation for anterior teeth



Recommended preparation for posterior teeth

#### What to use to attach to natural tooth:

Restorations made with Crystalite™ can be attached using various methods; conventional cementation using a conventional glass ionomer cement, e.g., Ketac Cem, manufactured by 3M ESPE. The use of phosphate cements will not provide the desired aesthetic results. Cementation with RelyX™ Unicem Self-Adhesive Universal Resin Cement - Thoroughly clean the Crystalite restoration, sandblast the interior surfaces of the crown with aluminum oxide ≤ 50 µm. It is not necessary to pre-treat with 3M™ ESPE™ Rocatec™ or to silanate it, if 3M™ ESPE™ RelyX™ Unicem Cement is used. Please refer to the product's instructions for use when using RelyX Unicem Cement.

#### How to adjust if required:

When making adjustments to porcelain, use proper care and the same precautions as with any other standard porcelain. Before occlusal adjustment, measure occlusal thickness with calipers so as not to come in contact with the core. Cement the crown before making occlusal adjustments. Should the crown require light internal adjustment for proper seating, we strongly recommend it be made to the tooth rather than the inside of the crown.

#### Conclusion:

A highly biocompatible material with outstanding transparency. Crystalite combines the known positive properties of zirconia with a significant increase in translucency as is known from lithium disilicate materials like IPS e.max. Crystalite is a perfect material for aesthetic treatments in the anterior and posterior tooth region.

DIGITAL RESTORATIONS

PROSTHETICS

IMPLANTS

CROWN & BRIDGE