

# Lava™ Classic

CROWN & BRIDGE



## Restoration of Choice for Natural Aesthetics

The Lava™ system from 3M ESPE is one of our most prestigious independent crown and bridge options. All Lava products are created using Lava design software by 3M ESPE in conjunction with CAD/CAM technology. The CAM manufacturing process results in excellent fit, achieved due to the high milling accuracy and calculation of the sintering shrinkage via the system's software. Lava closely mimics nature in appearance, with a choice of individually coloured, translucent frameworks in eight different shades. The fracture strength of zirconium oxide is many times higher than that of conventional all-ceramic materials, far exceeding the stress requirements of the oral cavity.

### Indications:

- Crowns
- Crowns Over Implants
- Inlays/Onlays
- Veneers

### Advantages:

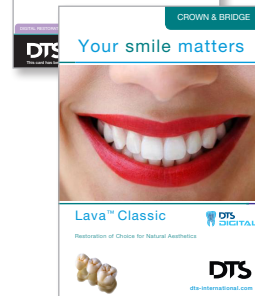
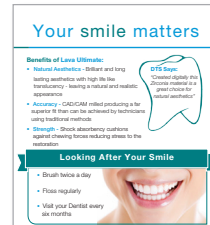
- **Aesthetics** - Brilliant and long lasting aesthetics with high life like translucency - leaving a natural and realistic appearance
- **Accuracy** - CAD/CAM milled producing a far superior fit than can be achieved by technicians using traditional methods
- **Strength** - Shock absorbency cushions against chewing forces reducing stress to the restoration

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## Product Facts

Impression Technique	Traditional or Digital
Material	Independent 3M zirconia coping, with multi-layered porcelain overlay
Indications	Full mouth, implants
Recommended use	Aesthetic regions
Margins	Chamfer or Shoulder
Cementation	Conventional cementation. For self Adhesive or Adhesive cementation see special instructions
Turnaround Time	5 Lab Days
Method of manufacture	Digitally designed and manufactured then built up with porcelain by hand
Aesthetics	✓✓✓✓✓
Shades / colouring	Internal effects customised shading multi-layered
Strength	✓✓✓
Add-on options	Fit to denture rests and ledges
Benefits	Independent aesthetics, excellent fit, metal-free
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)

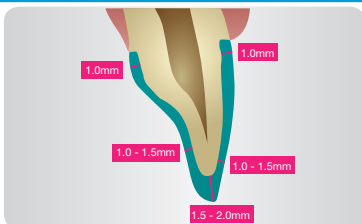


**DTS**  
DIGITAL

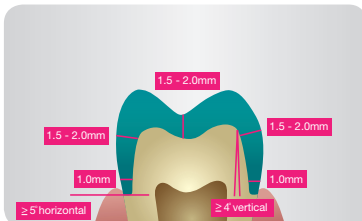
Recommended for use in conjunction with Oral Scanners

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 Lava™ Classic 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 Lava restoration, sandblast the interior surfaces of the crown with aluminum oxide  $\leq 50 \mu\text{m}$ . It is not necessary to pre-treat with 3M™ ESPE™ Rocotec™ 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:

The fracture strength of zirconium oxide is many times higher than that of conventional all-ceramic materials, far exceeding the stress requirements of the oral cavity.

DIGITAL RESTORATIONS

PROSTHETICS

IMPLANTS

CROWN & BRIDGE

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More Than Just  
A Dental Lab . . .

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