



BRISTOL CROWN

an **ALS** company

ZrSpeed PRODUCT FACT SHEET

ZrSpeed was the first open brand zirconia to be offered in the UK over eight years ago so now has a proven track record and is our most popular framework. It is an isostatic, medical grade zirconia and has a flexural strength of more than 1200 MPa. ZrSpeed has been used as a premium zirconia product since 2007 and is currently used by many Technicians around the UK for their metal free work.

ZrSpeed:

- ✓ Is made from premium quality isostatic medical grade zirconia in our Bristol milling centre
- ✓ Has a flexural strength of over 1200 MPa even after ageing
- ✓ No biocompatibility issues... Zirconia is a proven tissue friendly material for oral use
- ✓ Is backed up by Bristol Crown's service excellence and supplied with a no quibble 5 year guarantee against failure
- ✓ Precision milling using the latest CAD/CAM technology creates consistently precise fits
- ✓ Is available in a full range of VITA shades including bleach shades
- ✓ Available in a High Translucency (HT) option!



ZrSpeed

ISOSTATIC MEDICAL GRADE ZIRCONIA

- HIGH TRANSLUCENCY
- ISOSTATIC
- AVAILABLE IN 20 COLOURS
- FLEXURAL STRENGTH > 1200 MPa
- 5 YEAR GUARANTEE
- TRACK RECORD SINCE 2007
- STRENGTH, BIOCOMPATIBILITY & AGEING TESTED

• CEMENTATION

Conventional cementation with non expanding resin modified glass ionomer (Fuji GC or 3M Espe Rely X Unicem or Ultimate)

WHY ISOSTATIC?

Many zirconias are pressed in only one direction. This is called uniaxial pressing and produces blocks that are inconsistent in density from one part of the material to the other. This results in uneven shrinkage which can lead to poorly fitting margins and can produce chips and microcracks. ZrSpeed is isostatic, which means it is pressed from all directions. This results in an even density over the whole block and can be relied on to produce consistent and accurate margins whether milling single units or large spans. Isostatically pressed zirconia is more expensive to produce but is essential for a guaranteed marginal fit, strength and longevity.

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