

Oxford Zircore NANO

Introducing Oxford Zircore NANO.



Premium nano Zirconia reinforced Core Build-up and Post Cementing Composite

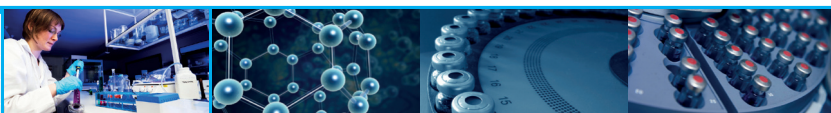
Oxford Zircore NANO is a dual cure radiopaque composite material for core build-up and post cementing. Oxford Zircore NANO contains nano-silica, nano-zirconia and nano-calcium fluoride yielding excellent mechanical and physical properties allowing for precise crown prep and easy cementation. Oxford Zircore NANO has a short setting time and excellent thixotropic properties. Oxford Zircore NANO's nano-calcium fluoride assists in caries prevention. Dual cure properties enables the dentist to perform cementations and core build-ups where light curing cannot be guaranteed to be adequate. Oxford Zircore NANO is compatible with other resin or composite based products.

Features

- Contains fluoride and zirconia
- Dual cure
- Reliable
- Versatile
- Thixotropic, yet flowable
- Automix syringe dispensing

Benefits

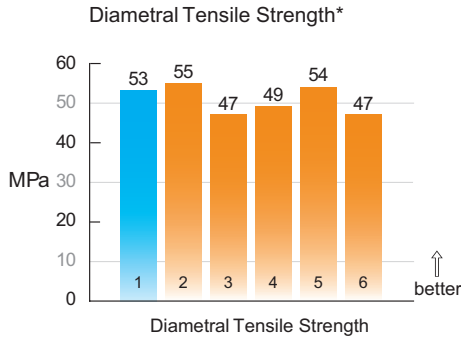
- Very high flexural and compressive strength
- "Cuts like dentine"
- High strength in both light and self cure mode
- Easy radiographic diagnosis
- Safe curing in all areas
- Saves time
- High mechanical strength also when used in the self cure mode (e.g. dark areas in the root canal)
- Can be used as a core material or post cement
- Easy to build and sculpt cores
- Good flow for usage as a cement
- Void free mixing
- Greater visibility in the oral cavity
- Easy application



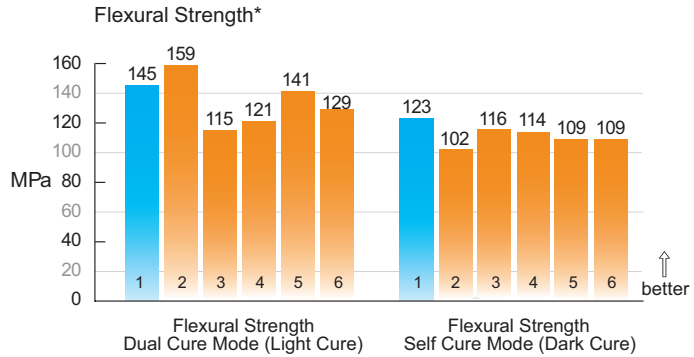
Oxford Zircore NANO

Oxford Zircore NANO has superior physical properties

Oxford Zircore NANO is strong



Oxford Zircore NANO in light cure and self cure mode



- OxZ (1) - Oxford Zircore NANO
- Reb (2) - Rebuilda (VOCO)
- FC2 (3) - FluoroCore 2+ (Dentsply)
- MCF (4) - MultiCore Flow (Ivoclar Vivadent)
- LCD (5) - LuxaCore Dual Automix (DMG)
- LCZ (6) - LuxaCore Z Dual Automix (DMG)

* Data available upon request
Source: Oxford Scientific R&D 2019

Physical Data

- Light cure time 20 seconds
- Depth of cure 2,5 - 5 mm (according to darkness of shade)
- Self cure time 3 min, 30 sec
- Barcol hardness 70
- Elastic modulus (LC - SC) 7400 - 5400 MPa
- Flexural strength 145 MPa
- Compressive strength 320 MPa
- Diametral tensile strength 53 MPa

Ordering Information

Oxford Zircore NANO, dual cure core build-up and post cementing composite containing fluoride and zirconia

Part Number	Article	
12-001A2	Oxford Zircore NANO	Shade A2 (= Universal)
12-001A3	Oxford Zircore NANO	Shade A3
12-001BA2	Oxford Zircore NANO	Shade: A2 5 ml (9g) Minimix 1:1, 5 x Mix TIP (O), 5 x Endo TIP
12-001Blue	Oxford Zircore NANO	Shade: Blue 5 ml (9g) Minimix 1:1, 5 x Mix TIP (O), 5 x Endo TIP
12-013A2	Oxford Zircore NANO	Shade: A2 2 x 5 ml (9g) Minimix 1:1, 5 x Mix TIP (O), 5 x Endo TIP
12-013Blue	Oxford Zircore NANO	Shade: Blue 2 x 5 ml (9g) Minimix 1:1, 5 x Mix TIP (O), 5 x Endo TIP
12-002A2	Oxford Zircore NANO	Shade: A2 4 x 5 ml (9g) Minimix 1:1, 5 x Mix TIP (O), 5 x Endo TIP
12-002Blue	Oxford Zircore NANO	Shade: Blue 4 x 5 ml (9g) Minimix 1:1, 5 x Mix TIP (O), 5 x Endo TIP

Error and omissions excluded. The Oxford Scientific products are only to be used by dentists and for its intended use. Please read these instructions for use carefully

Space for you

Oxford Scientific

Made in Germany by First Scientific Dental Materials GmbH