



Oxford GI Resin Cem UF

Oxford GI Resin Cem UF is a newly developed Ultra-Fine Resin Reinforced GI Luting Cement. It is Bioactive and contains fluoride release reactive chemical system. With its excellent chemical bonding to both dentin and enamel it seals tightly at the dentinal margins. The resin reinforced Glass Ionomer has longer term wear resistance and extended work time combined with a rapid light cure command set. It has high translucency which is important for anterior restorations. It does not exhibit the solubility of traditional glass ionomer products and the advanced resin component easily bonds to resins and composites. The light curing gives a command set with a longer working time yet is still able to release fluoride for caries protection. The unit dose capsule system eliminates measuring and hand-mixing allowing the assistant to start the mix while the dentist is free to finish the prep procedure.

Oxford GI Resin Cem UF can be used for cementing of crowns, bridges, Inlays and onlays (all types metal, resin, ceramic fused to metal and ceramic.) It also can be used as a liner under composite fillings just be sure to read and follow the directions. The better strength values compared to other RMGI cements gives assurance your restoration will give higher mechanical resistance and long term wear resistance with reduced solubility, long working time with rapid command set and also give you fluoride release for caries protection. Can be used in place of GC, Fuji, or 3M Espe RMGI cement.

See Oxford Sell Sheet for details.



Oxford Cem Implant

Unique Semi-permanent Luting Cement for Crowns and Bridges on Implants. Oxford Cem IMPLANT is a dual cure semi-permanent luting cement. Oxford Cem IMPLANT is based on multifunctional methacrylic esters and contains zinc. Oxford Cem IMPLANT is suitable for semi-permanent cementing of implant abutment retained crowns and bridges. It shows good elastic behavior and good seal because it is specially formulated to controlled slight expansion. Oxford Cem IMPLANT does not influence the setting of resin-based filling and luting materials. The zinc oxide is known for its good antibacterial properties. No bonding, priming or etching is required. Easy to remove and re-cement if needed, excess material can be easily removed. Does not react with implant materials and is the best cleanup that you experience.

In the case of certain temporary restorations they may involve an implant. We created this unique temporary cement to work in conjunction with all temporary filling materials. Can be used with implants and is Eugenol free, slight controlled-expansion gives secure inter locking with implant and has elastic shock absorbing properties. Does not require bonding, priming or etching.

See Oxford Sell Sheet for details.



Oxford Glaze Intra

Oxford Glaze INTRA is a single component light cure varnish for use with temporary crown and bridges. It has been formulated to eliminate the smear layer and leave a high gloss. The application of Oxford Glaze INTRA is fast and with less time and effort in comparison to mechanical polishing of the appliance. The deposition of food rests and plaque is reduced which can be advantageous for patients.

Improving the color and Glaze of any temporary materials in some cases may be desired to improve appearance, wear resistance and minimal repairs if needed. Eliminates the uncured area without time consuming polishing and reduces plaque formation. Can be used with any temporary materials.

See Oxford Sell Sheet for details.

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Oxford Scientific JENAL MARKETING

Exclusive Distributor for Oxford North & Central America and Australia

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Improve your Crown and Bridge procedure with quality Oxford Scientific products to save time and money with better results.

Oxford Scientific Products are innovative, high quality, proven, cost effective dental products with FDA, CE and new MDSAP approvals. From our Zircore, GI, RMGI and Bioactive products to our single shade restorative and advanced bonding agents you can be assured that you will be using more advanced products at a reasonable cost while making dentistry easier, less time consuming and more profitable for your practice. Let's discuss typical dental procedures that involve several Oxford Scientific products.



Oxford Scientific Products for temporaries, crowns and bridges.

This procedure can involve a crown or a bridge for the patient and may cover a period up to a couple of weeks. The dentist starts with an impression of the area prior to prep. The dentist prepares the teeth as per their normal procedure. If they determine that the prep needs to be built up with a core material, they perform that procedure. Then they take another impression for the lab. At that point they use a temporary cement and temporary crown and bridge material to protect the preps in the oral cavity until the crown or bridge is ready to be cemented in permanently after receiving the completed restoration from the lab. This is how Oxford Scientific products can improve the process.

A recent study published by clinical Research Associates (ISSN 2380-0429) shows Zirconia restorative material was the only product that had no failures in 8 years of the study. Cemented permanently with a RMGI showed that this was the best product to use for cementation of the Zirconia crown. Glass ceramic and Ceramic Polymer restorations did not compare to the Zirconia. Cement failures using resin cements were quite high also. For our purposes in this example we are assuming the use of the Zirconia restoration with the use of a RMGI cement as the best procedure to recommend, but can be used with other restoratives.



Core Material

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 enable 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.

It would seem logical that whether or not you used a Zirconia crown material that you would want a strong base made of Zirconia with excellent tensile and flexural strength, dual curing, dual use as a core and post cement using nano-zirconia particles and nano-silica for making it easy to sculpt while cutting like dentin and at the same time contains nano-calcium fluoride for help to prevent secondary caries. Can be used in place of Voco Rebuilda, FluoroCore 2 Dentsply, LuxacoreDual and Z, Multicore flow by Ivoclar and others. Reference the Oxford Sell sheet for all data and uses.

See Oxford Sell Sheet for details.



Cementing the Temporary

Oxford Temp CEM Universal is a non-eugenol temporary crown and bridge cement based on ZnO/organic acids and suitable for cementing temporary crown and bridges as well as for trial cementing of permanent restorations. It shows excellent adhesion to temporary and crown bridge materials, and can easily be removed from prepared tooth stumps. Zinc oxide is known for safety against bacteria and secondary caries. Delivered in Minimix syringes that are fast, easy and comfortable to use.

The non-eugenol formulation does not influence the setting of resin-based filling and luting materials. Our temporary cement virtually eliminates any remaining residue making it easy to clean excess off, no eugenol for compatibility with resin products, automix for convenience and contains Zinc Oxide known for its safety against bacteria and secondary caries. The compressive and flexural strength are the best for virtually all the products tested and the extremely low film thickness assures a better bond between the materials. Use in place of Tempocem NE DMG, Tempbond Kerr and Integrity Temp Grip Dentsply and all others.

See Oxford Sell Sheet for details.



Oxford Bond SE Dual

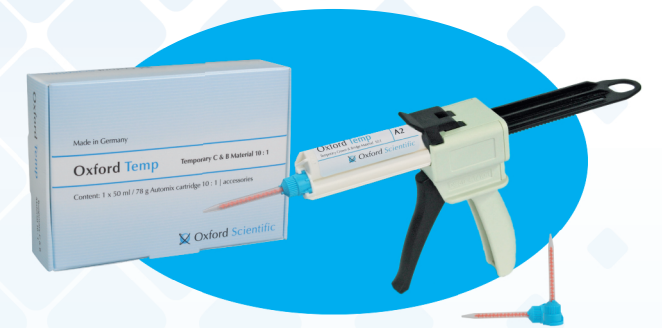
Oxford Bond SE Dual is a simple to use self-etching, dual cure adhesive for both direct and indirect restorations. It is designed for strong and reliable bonding of dual cure, light cure, self-cure composites and, also compomers and resin modified glass ionomer cements to both enamel and dentine. Oxford Bond SE Dual consists of two components in a single mix unit dose or 2 bottles that are mixed before application.

In order to insure a complete and strong bond between the core material and the remaining tooth use Oxford bond SE Dual an easy to use bonding agent that is dual cure, high bond strength can be used to bond between dentin and enamel. Can be used in place of Clearfil DC Bond Kuraray, Futurabond DC VOCO and other bonding agents.

See Oxford Sell Sheet for details.

The Oxford Difference Makes All The Difference

Oxford Scientific gives you unique product options that allow you to choose what is right for you, your patient and a specific procedure. We improve your profit without compromising quality, and our products really do bring true value to your dental practice. Try us and see what fifty years of advancing dentistry can do for you!



Temporary C & B Material

Oxford Temp is an automix temporary crown and bridge material formulated with multifunctional methacrylic esters eliminating the need for any methyl methacrylate. The absence of methyl methacrylate reduces the potential for patient sensitivity. This gives it superior compressive strength, superior diametral tensile strength and outstanding elastic modulus.

The heat generated is very low, while curing which is beneficial to the pulp. This type of temporary material is very easy, and comfortable for creating short or long-term temporary crowns, bridges, onlays, and veneers. It is especially suitable for longer term bridges or spans. Prepared teeth are protected against external influences and preserves the occlusion. Increasing transverse strength, good abrasion resistance and low polymerization shrinkage assures a perfect fit with good polishability, good color stability and fluorescence gives perfect appearance.

It would make sense to use our temporary material with the excellent aesthetics, auto-mix convenience, low potential for sensitivity and high fracture resistance and hardness that protect the teeth against external influences and preserves the bite. Use in place of Luxatemp DMG, Structure 3 Voco, Prottemp 4 Garant 3M and many other temporary materials whether 4 to 1, 1;1 or 10;1 ratios.

See Oxford Sell Sheet for details.