**THE SCIENCE BEHIND UNIVERSAL**

The versatility of Tokuyama Universal Bond, its high adhesive performance with the different types of substrates (enamel, dentin, metals, composite resins, zirconia, ceramics, alumina, etc), its peculiarity of being an universal self-cured adhesive, the excellent combination with ESTECOM II for adhesive cementing, are the result of research and passion with which researchers in Tokuyama Dental’s R&D labs work to design and develop original technologies at the service of the dentist.

The final output is a product where science is behind the concept of UNIVERSAL, because ONLY Tokuyama Universal Bond is the real universal bonding agent for all materials.

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**Compatibility with all composite materials**

Tokuyama Universal Bond is compatible with light, self and dualcuring materials for all the direct and indirect restoration techniques, without the need for a dedicated activator.

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**Packaging available**

**TOKUYAMA UNIVERSAL BOND KIT**
- Bond A 5ml
- Bond B 5ml
- 1 mixing well
- 5 disposable mixing wells
- 25 applicators (dry)

**TOKUYAMA DENTAL RECOMMENDS ESTECOM II FOR THE CEMENTING STEPS OF ALL PROSTHETIC MATERIALS**

**ESTECOM II KIT**
- A/B color paste Universal, 3.3 ml each (4.7g)
- Tokuyama Universal Bond A 5ml
- Tokuyama Universal Bond B 5ml
- 15 mixing tips
- 5 mm mixing tips
- 5 nozzles for intracanal use
- 25 thin applicators
- 1 mixing well
- 5 disposable mixing wells

**ESTECOM II REFILL**
available in 4 colors

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**Tokuyama Universal Bond**

Self-cured Dental Universal Adhesive

Universal Bond, the strongest chemical bond between tooth and all your restorations.

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**Tips and tricks**

- Use the toothpick vertically to properly deepen the cavity-up to 2 mm.
- To prevent the paint to dry, work in small portions with water, with the mixing tips, intense Tokuyama phosphoric acid etching and airbubbles elimination.
- Rinse of etching excess.
- Varnish the interproximal surfaces.
- Use the toothpick to properly deepen the cavity-up to 2 mm.
- Do not apply mixing pastes directly on the tooth.
- Do not use mixing pastes or gels directly on esthetic restorations.
- Do not use mixing pastes or gels directly on composite restorations.
Tokuyama Universal Bond is the real revolution in dental adhesives! It is a REALLY universal system usable both for both direct and indirect restorations without using a separate activator or primer for prosthodontic materials. Its compatibility with total, self or selective etching techniques makes it versatile depending on the clinical situation to be faced.

4 SIMPLE STEPS FOR YOUR DIRECT RESTORATION!

Direct restorations and intraoral repairs of restorations (FTM, metals, etc.) with composite resins.

**Definition of Universal Bond** - THE DENTAL ADVISOR Vol. 30, No. 02 March 2013

When setting universal bonding systems, manufacturers must take into account the following three parameters:

1. Compatibility with different etching techniques (self, selective/total)
2. Compatibilty with dual and self cure materials but without the use of a separate activator
3. Can be used as a primer for ceramic, zirconia or metal-based restorations.

**Topm COMPONENTS** (2) liquid self-curing dental adhesive system For direct and indirect restorations

User-friendly
- Self-CURED: no need for light curing
- No need to wait after the application
- No need for activator or primer

Universal
- Compatible with all the etching techniques
- Compatible with light, self and dual curing composite materials
- Compatible with prosthodontic materials in ceramics, zirconia or metals

Reliable
- High adhesion value on different tooth substrates (enamel and dentin)
- High adhesion value on prosthodontic materials
- Innovative technology designed by Tokuyama

Definition of Universal Bond - THE DENTAL ADVISOR Vol. 30, No. 02 March 2013

Tokuyama Universal Bond can really be considered an universal adhesive because it meets the 3 requirements indicated by "The Dental Advisor Vol. 30, No. 02 March 2013", being usable and compatible with all composite materials (light, self and dual curing) without the need for an activator. In combination with the new dual restorative aesthetic cement ESTECM II (4 available shades), it offers simplified cementation procedures. The treatment of the tooth and prosthodontic material is performed without the need for specific primers, unlike with other universal adhesives (primer for zirconia or for metals or ceramics, etc.). ESTECM II is suitable to cement composites, bridges, inlays and onlays in glass/ceramic composites (porcelain, zirconia and alumina), metal alloys (precious and non precious) and restorative materials.

Cementing of crowns and ceramic abutments, metal, glass or quartz fiber posts.

Clinical application: direct technique

"The cementing of an overlay on a tooth subjected to endodontic treatment and with quartz fiber post TokuPost was performed with the basic version of Universal Bond and of Estelite 4." - Dr. Ouchi, Dr. Miyazaki, et al. Nihon University 35th Annual Meeting of Japan Society for Adhesive Dentistry, 2016

Universal with ESTECM II

Tokuyama Universal Bond can be really considered an universal adhesive because it meets the 3 requirements indicated by "The Dental Advisor Vol. 30, No. 02 March 2013", being usable and compatible with all composite materials (light, self and dual curing) without the need for an activator. In combination with the new dual restorative aesthetic cement ESTECM II (4 available shades), it offers simplified cementation procedures. The treatment of the tooth and prosthodontic material is performed without the need for specific primers, unlike with other universal adhesives (primer for zirconia or for metals or ceramics, etc.). ESTECM II is suitable to cement composites, bridges, inlays and onlays in glass/ceramic composites (porcelain, zirconia and alumina), metal alloys (precious and non precious) and restorative materials. Universal adhesion

Tokuyama Universal Bond adheses to any prosthodontic material and tooth, without additional primer.

Tokuyama Universal Bond, THE ONLY ONE meeting the three requirements!