GB CE 0197

INSTRUCTIONS FOR USE

Quadrant Uni-SE-Bond

Description
Quadrant Uni-SE-Bond is a light-curing self-priming one component bonding agent for use in combination with light-curing composites.
Separate conditioning (etching) of the enamel and dentine is not required (however, use of an additional etching gel on the enamel before application of Quadrant Uni-SE-Bond will not have a negative influence on the bond strength).
Quadrant Uni-SE-Bond can be used with any bonding composite resin materials (e.g. composite, compomer, Polyglass®) to the hard tooth structure. Quadrant Uni-SE-Bond etches, primes, bonds and desensitizes in one step.

For dental use only. Do not use for indications or applications that are not specifically noted in the instructions for use.

Read the instructions for use carefully before use!
Follow the safety instructions when using Quadrant Uni-SE-Bond

Composition
Quadrant Uni-SE-Bond is an acetone/water-based formulation of light-activated methylacrylate resins.

Indications
1. Bonding of direct light-cured composite restorations (including Polyglass® and compomers);
2. Bonding of indirect restorations in combination with a light-curing luting cement: porcelain, Polyglass® and composite resin inlays, onlays, veneers, crowns;
3. Sealing hypersensitive areas of teeth.

Storage
Keep store above room temperature (23°C) during daily use. If Quadrant Uni-SE-Bond is not yet Opened, it must be stored 12!-25°C (14-77°F). Bring to room temperature and shake bottle briefly prior to use. Replace and tighten cap after each use. Do not use after the expiration date printed on the bottle and carton. Do not freeze.
If one of the following is noticed, it is advised that the material may have become working/setting faster and should no longer be used:
- Bottle feels cold or has become hot;
- Thickening comes out of the bottle when squeezed although there is material left inside.
- Transparent solid or opaque substances are deposited in the liquid when dispensed.
- Threads are visible in the material during application with the micro brush.

Application
1. Bonding of direct light-cured composite restorations (including Polyglass® and compomers).

1.1. Preparation

Do not use Quadrant Uni-SE-Bond directly on exposed pulp tissue.

- Clean tooth with an oil and fluoride-free polishing paste.
- Prepare cavity for bonding.
- Rinse cavity with water and air dry.
- Remove excess water (a moist or wet dam is strongly recommended).
- If indicated, place sub-base (e.g. glasionomer cement).

1.2. Dispensing
- Shake bottle briefly before opening.
- Dispense Quadrant Uni-SE-Bond into the well (1 drop for small cavities, 2 drops for larger cavities).
- Close bottle cap immediately after dispensing.
- Use Quadrant Uni-SE-Bond immediately after dispensing (no later than 3 minutes).

1.3. Application

Roughen or grind enamel before application of Quadrant Uni-SE-Bond. Etching/bonding is less effective on ground enamel.
On sclerotic dentine separate etching with phosphoric acid for 30 sec. is recommended.

- Immediately after dispensing apply a copious amount of Quadrant Uni-SE-Bond onto the entire cavity surface and margin with the applicator tip or brush. Make sure that the cavity margin is also sufficiently coated with Quadrant Uni-SE-Bond.
- After application gently blow the adhesive slightly for 20 sec. onto the cavity surface to ensure complete evaporation and diffusion. Protect the bonding layer from contamination (e.g. by blood or saliva).
- Light cure for 10 sec. (for a layer thickness of 2 mm or less) or 20 sec. (for a layer thickness of 2-4 mm) depending on the geometry of the cavity. The adhesive is to expose the surface and wash from the bonding layer with or without removing the active ingredients from the tooth surface.

A strong air stream or the use of a tunnel tip will dilute the bonding agent and may result in poor adhesion.

- The surface must be visibly glossy - both after application of Quadrant Uni-SE-Bond and after evaporation of the solvent. The corresponding cavity surface must be fully coated. If the cavity surface does not appear shiny apply Quadrant Uni-SE-Bond as described above a second time.
- Light activate Quadrant Uni-SE-Bond for 20 sec. with a halogen or LED light-curing unit. The light-curing time assumes the use of a Hereaus Kulzer Translux® light-curing unit or other dental curing light of comparable intensity (min. 400-500 mW/cm²). Light-curing times for light-curing units (with an output greater than 1200 mW/cm²) are used, the curing time can be reduced by 8 sec.

Low-intensity light-curesin poor adhesion. Curing lights should be checked with reliable light testers at regular intervals. The entire surface of the tooth should be placed as close as possible to the curing surface.

- Place restorative material according to manufacturer's instructions.

2. Bonding of indirect restorations in combination with a light-curing luting cement: porcelain, Polyglass® and composite resin inlays, onlays, veneers, crowns.

2.1. Pre-treatment of restoration
- Pre-treat the bonding surface of the indirect restoration according to the manufacturer's instructions.

2.2. Dispensing and application of Quadrant Uni-SE-Bond

Light-cure the adhesive prior to application of the luting cement.

- Proceed as described in 1.2.
- Apply and process luting cement according the manufacturer's instructions. The luting cement must be compatible/compatibilized with the surface of the indirect restoration.

3. Sealing hypersensitive areas of teeth.

3.1. Cleaning the tooth
- Clean tooth with an oil and fluoride-free polishing paste.

3.2. Dispensing and application of Quadrant Uni-SE-Bond
- Proceed as described in 1.
- Carefully remove oxygen-inhibited layer with an alcohol-soaked pellet after light-curing.

If the desensitization effect is not adequate, apply additional coats of Quadrant Uni-SE-Bond and light-cure and remove the oxygen-inhibited layer with a damp pellet.

Safety instructions
- The product is light inflammable.
- The product may irritate the eyes.
- Avoid contact with the eyes and to ingredients of the product may occur an allergic reaction.
- Contains methylacrylate and acetone.

Special Instructions
- Keep away from children.
- The combination of Quadrant Uni-SE-Bond with self-curing composites results in a significant reduction of the bond strength to the hard tooth substance.
- Materials containing eugenol may inhibit the polymerisation of Quadrant Uni-SE-Bond.
- Do not use Quadrant Uni-SE-Bond after the expiry date.

Packaging
Quadrant Uni-SE-Bond 4 ml bottle
Accessories

Made by Caves Holland BV

Caves Holland BV
Fustweg 5, 2031 CJ Haarlem, The Netherlands
T +31 23 530 77 00, dental@caves.nl, www.caves.nl

CAVEX

NL CE 0197

GEBRUIKSAANWIJZING

Quadrant Uni-SE-Bond

Omschrijving
Quadrant Uni-SE-Bond is lichtuithardende en zelfconditionerende één componentbonding voor gebruik in de combinatie met lichtuithardende composieten.
Een separate conditionering (etsen) van glazuur en dentine is niet required (however, use of an additional etching gel on the enamel before application of Quadrant Uni-SE-Bond will not have a negative influence on the bond strength).
Quadrant Uni-SE-Bond can be used with any bonding composite resin materials (e.g. composite, compomer, Polyglass®) to the hard tooth structure. Quadrant Uni-SE-Bond etches, primes, bonds and desensitizes in one step.

- Alleen voor tandheelkundig gebruik. Niet gebruiken voor indicaties resp. toepassingsgebieden die niet in deze gebruiksaanwijzing zijn genoemd.
- Gebruiksaanwijzing zorgvuldig doorlezen! Veiligheidsinstructies bij het gebruik van Quadrant Uni-SE Bond in acht nemen!

Samenstelling
Quadrant Uni-SE-Bond is een acetone/water oplossing van lichtuithardende methacrylaat-monomeren.

Indicaties
1. Bonding van directe lichtuithardende composietreparaties (met inbegrip van Polyglass® en compomeren).
2. Bonding van indirecte restauraties in combinatie met een lichtuithardende composietcement: keramiek, Polyglass® en composietinlays (onlays, onlays, veneers, kronen).
3. Sealen van overgevoelige delen van het element.

Bewaring
Tijdens het dagelijks gebruik met beleen kamertemperatuur (23°C) bewaren. Wanneer Quadrant Uni-SE Bond nog niet geopend is, dient dit te worden bewaard bij 12!-25°C (14-77°F). Breng voor gebruik de fles op kamertemperatuur en schud de fles kort. Sluit de fles na gebruik goed af.Gebruik. Bij kamertemperatuur (23°C) bewaren. Wanneer Quadrant Uni-SE Bond nog niet geopend is, dient dit te worden bewaard bij 12!-25°C (14-77°F). Breng voor gebruik de fles op kamertemperatuur en schud de fles kort. Sluit de fles na gebruik goed af. Bij
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Als onderstaande zaken worden waargenomen, dient ervan uitgegaan te worden dat de werking/verharding
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If one of the following is noticed, it is advised that the material may have become working/setting faster and should no longer be used:
- Bij kringen in de flacon komt er geen vloeistof uit, alhoewel er nog wel materiaal in de flacon aanwezig is.
- Bij kringen in de flacon komt er wel vloeistof uit, alhoewel er nog wel materiaal in de flacon aanwezig is.
- Er zijn vaste stoffen (bij kamertemperatuur vloeibaar) of gelachtige pessages(vaste stoffen in de vloeistof zichtbaar zijn) in de vloeistof (bij kamertemperatuur vloeibaar) het materiaal bij het applicaten met de applicatiebrush.

Toepassing
1. Bonding directe lichtuithardende composietreparaties (met inbegrip van Polyglass® en compomeren).

1.1. Preparatie

Gebruiken van Quadrant Uni-SE Bond direct op exposed pulp tissue.

- Element met olie- en fluoridevrije pasta reinigen.
- Cavitet voorbereiden voor de regels van de bondingschalk prepareren.
- Spoelen met water en drogen met lucht.
- Overtollig water verwijderen (een vochtige of zeer vochtige dam is strongly recommended).
- Indien noodzakelijk, onderlaag aanbrengen (bijv. glasionomeercement).

1.2. Doseren
- Flacon niet openen kort schudden.
- Quadrant Uni-SE Bond in een mengbakje doseren (1 druppel voor kleine cavitetes, 2 druppels voor grotere cavitetes).
- Flacon direct sluiten.
- Quadrant Uni-SE Bond direct na het doseren (binnen 3 minuten) verwerken.

1.3. Applicatie

Aanbrengen van Quadrant Uni-SE Bond opnieuw. Op ontbehandeld glazuur is het niet mogelijk effectief. Op sclerotisch dentine wordt apart etsen met fosforzuur gedurende 30 sec. geadviseerd.

- Onmiddellijk na het doseren Quadrant Uni-SE Bond overvloedig aanbrengen op de cavitetswand en de rand van de cavitet met de applicatiebrush. Zorg ervoor dat de rand van de cavitet eveneens voldoende wordt bevochtigd.
- Na aanbrengen de cavitet licht blazen om de Quadrant Uni-SE Bond over de cavitetwand te verspreiden. Het vloeiende gedeelte van de Quadrant Uni-SE Bond moet dan een dunne laag vormen

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KULLANIM KILAVUZU

Quadrant Uni-SE-Bond

Ürün tanımlaması

Quadrant Uni-SE Bond hafif donan ve restoratif dş i tedavisinde uygulanan tek şamlı adhesif bonding uygulaması.
Mine ve dentinin ayrıştırılmaksızın etching (dağlama) işlemi gerçekleşmesine gerek kalmayacaktır. (Quadrant Uni-SE Bond kullanmadan önce dişlerinizi etching (dağlama) yapmanıza gerek yoktur. Quadrant Uni-SE Bond ile birlikte Quadrant Uni-SE Bond ve dişi yapısına uygulanacak kompozit, kompomerler ve Polyglass® için adhesif olarak geliştirilmiştir. Tek bir adımda Quadrant Uni-SE Bond sayesinde etching, primer uygulaması, bonding ve hassasiyet azaltma işlemleri tamamlanmaktadır.

Sadece dental kullanım içindir. Bu kılavuzda ve ambaşan endikasyonlarda ve bölgelerde kullanmayınız.

Kullanım ve uygulama talimatına kılavuzu dikkatlice okuyunuz! Quadrant Uni-SE Bond kullanırken uymanız gereken güvenlik tedbirlerini dikkate alınız!

Kompozisyon

Quadrant Uni-SE Bond'un reztok acetonu & vody z monomeri methakrylan vytvrzovaným systémem.

Indikace

1. Lepení přímých světlem vytvrzovaných kompozitních nedlouhých vláken Polyglass® a kompomerů.
2. Nepřímé nepřímých nedlouhých vláken Polyglass® a kompozitní vytvrzovaným systémem.
3. Lepení kompozitních a kompomerních nedlouhých vláken (mosty, zubní protézy, korunky).
4. Ukotvení hypersenzitivních ploch.

Upozornění

Při nadbodovém použití neodvodovejte při polymerizaci teplotě (23 °C). Pokud Quadrant Uni-SE Bond ještě nebyl zatvrzen, nebo jej lze odstranit pouze mechanicky. Pokud Quadrant Uni-SE Bond