

Made in Germany

**SYNCA**

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**PRODUCT DESCRIPTION**

**Biolight® STiK! DC** is a simple to use self-etching dual cure adhesive for a durable and strong bonding of composites, compomers and resin modified glass ionomer cements to enamel and dentin. Biolight® STiK! DC works optimally under slightly wet conditions.

**Biolight® STiK! DC** consists of two components in a SingleMix unit that were mixed before application. It is bonding to dual cure, self cure and light cure composite restorative materials.

**INDICATIONS - ADHESIVE FOR:**

- Core build-ups and cementing of posts with dual and self cure composites
- Cementing of posts with dual and self cure composite cements
- Cementing of inlays, onlays, crowns and bridges with dual and self cure composite cements
- Composite based restorations with dual cure, self cure and light cure composites

**SIDE EFFECTS**

In singular cases, Biolight® STiK! DC may cause a sensitizing reaction in patients with a hypersensitivity to any of the ingredients. In these cases, the material should not be used. Irritations resulting from direct contact with the pulp cannot be ruled out. Therefore for pulp protection, areas close to the pulp should be covered with a thin layer of pulp capping material.

**INCOMPATIBILITY WITH OTHER MATERIALS**

Do not use in combination with substances containing eugenol, because eugenol inhibits the polymerization of Biolight® STiK! DC. Neither store the material in proximity of eugenol containing products, nor let the material come into contact with materials containing eugenol.

**APPLICATION**

**1. Isolation**

Rubber dam is the recommended method of isolation.

**2. Cavity Preparation**

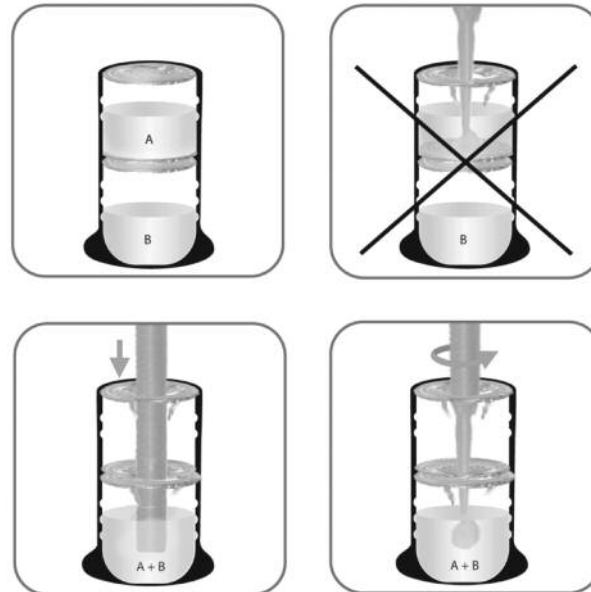
Prepare the cavity according to the principles of the adhesive restoration technique.

**3. Pulp Protection**

Pulp protection areas close to the pulp should be covered with a thin layer of pulp capping material.

**4. Application of Biolight® STiK! DC**

Use the blunt end of the brush to pierce through both aluminium foils of the SingleMix unit. Ensure that both aluminium foils are penetrated completely. Pull out the brush, wipe it off and now insert the brush head into the SingleMix unit. Mix the two components for 10 seconds.



**4.1 Application in the Root Canal (Bonding of Posts)**

Prepare and clean the root canal with e.g. sodium hypochlorite solution, rinse and remove excess solution from the canal with a soft paper point.

Apply the homogeneous mixture generously with a brush onto the slightly wet root canal walls for 15 seconds with agitation. Repeat procedure 1 – 2 times. All the dentin surfaces must kept wet with the primer over the specified time.

Remove excess Biolight® STiK! DC with dry paper points. Dry the root canal gently with oilfree air for 15 seconds to remove all volatile components and to disperse the adhesive to an even layer. Light cure all areas that are available for a dental curing unit for 20 seconds.

**4.2 Application for Core Build-ups, Cementing of Inlays, Onlays, Crowns and Bridges and for Composite based Restorations**

Apply the homogeneous mixture generously with a brush onto the slightly wet enamel- and dentin surfaces for 30 seconds with agitation. The material should build a homogeneous layer. Air thin for 10 seconds to remove the volatile components and to disperse the adhesive. Then light cure for 20 seconds with a dental halogen light unit or an LED (wavelength 400–500 nm, light intensity min. 1000 mW/cm<sup>2</sup>). For a maximal adhesion it is strongly recommended to use the light cure mode.

If light curing is not possible, the adhesive will also cure in the autocure mode. After application of the adhesive air thin to remove all volatile components. There must remain a sticky layer. Then apply the dual cure, self cure or light cure restorative material directly.

Refer to manufacturer instructions for placement of the dual cure, self cure or light cure restorative material.

**WARNINGS**

- Biolight® STiK! DC in SingleMix is for single use only.
- Unpolymerized material may have an irritating effect and may lead to a sensitizing reaction against methacrylates.
- Avoid contact with skin, mucous membrane and eyes.
- If the material comes into contact with skin, immediately wash with water and soap. If the material comes into contact with eyes, immediately rinse with copious amounts of water and seek medical advice if required.
- Commercial medical gloves do not protect against the sensitizing effect of methacrylates.
- Do not use after expiration date.

**STORAGE**

Do not store above 25 °C (77 °F)! Avoid storage in direct sunlight.

**WARRANTY – LIMITED LIABILITY**

*SYNCA warrants this product will be free from defects in material and manufacture. SYNCA makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusively remedy and SYNCA's sole obligation shall be repair or replacement of the SYNCA product.*

*Except where prohibited by law, SYNCA will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.*

- Keep away from children!
- For dental use only!