

# YBOND MONO - English

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INSTRUCTIONS FOR USE

MANUFACTURED AND DISTRIBUTED BY:

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National Health Surveillance Agency Registration: 81009350006

REV:04

## 1. Product Identification:

### 1.1. Technical name:

2-step Conventional Dental Adhesive 2

### 1.2. Product commercial name:

YBOND MONO

### 1.3. Description of the physical principle and fundamentals of the product's technology, applied to its operation and action:

YBOND MONO is a fully etching, light-curing, one-component, multi-purpose dental bonding agent for enamel and dentin applications. YBOND MONO provides simplification in the technique by reducing the number of steps and presents total compatibility with all dental restorative materials, providing union between the restorative material and the tooth structure..

### 1.4. Specifications and technical characteristics:

Components
Methacrylate monomers
Initiators
Silicon dioxide
Stabilizer
Ethanol

## 2. Storage

YBOND MONO must be stored at room temperature (23°C) and in a dry place. The YBOND MONO product must not be exposed to heat and sunlight, or other sources of direct light.

## 3. Instructions for use:

## Application techniques:

### 3.1. Direct restorations

- After preparing and cleaning the cavity, proceed with the following steps:

- Apply 37% phosphoric acid gel on enamel and dentin: The phosphoric acid gel must be in contact with the enamel for 30 seconds and in contact with the dentin for 15 seconds. Remove the phosphoric acid gel with an air and water spray. Enamel must be dry and excess dentin moisture must be removed with absorbent paper, keeping the dentin surface slightly moist,

- Apply YBOND MONO adhesive on enamel and dentin: The adhesive must be applied with the aid of a brush-shaped microapplicator, gently shaking it over the entire surface for approximately 10 seconds, ensuring its total coverage. Then the solvent must be evaporated with an air jet and another layer of YBOND MONO must be applied and the solvent evaporation step repeated. Light cure for 20 seconds; The surface must have a shiny appearance, otherwise it is necessary to repeat the application;

- Insert the restorative material according to the manufacturer's instructions.

### 3.2. Indirect restorations

After preparing and cleaning the substrate, proceed with the following steps:

- Prepare the surfaces of indirect restorations according to the instructions for use of the chosen

material. Apply YBOND MONO on the surfaces of the restoration and then evaporate the solvent with an air jet for 10 seconds until a thin layer is obtained. Do not light cure the adhesive;

- Apply 37% phosphoric acid gel on enamel and dentin: The phosphoric acid gel must be in contact with the enamel for 30 seconds, and in contact with the dentin for 15 seconds. Remove phosphoric acid gel with an air and water spray. Enamel must be dry and excess dentin moisture must be removed with absorbent paper, keeping the dentin surface slightly moist,

- Apply YBOND MONO adhesive on enamel and dentin: The adhesive must be applied with the aid of a micro-applicator in the form of a brush, gently shaking it over the entire surface for approximately 10 seconds, ensuring its total coverage. Then the solvent must be evaporated with an air jet, another layer of YBOND MONO must be applied and the solvent evaporation step repeated. Light cure for 20 seconds;

- The surface must appear shiny, otherwise repeat application will be required.

### 3.3. Repair of ceramic or composite resin restorations:

After preparing and cleaning the substrate, proceed with the following steps:

- Carry out a bevel on the restoration margins;

- Condition the ceramic or composite resin surface with hydrofluoric acid

according to the manufacturer's recommendations;

- Apply YBOND MONO on the surface that will receive the repair, with a brush, guaranteeing the formation of a thin layer and with total covering of the surface;

**IMPORTANT:** do not apply YBOND MONO in areas where the repair is not desired, as this will promote the adhesion of the cement to this surface and make it difficult to remove excesses and clean the restoration;

- Wait 1 minute and dry with an air jet for approximately 5 seconds;

- Apply the adhesive system and light cure;

- Carry out the repair with composite resin;

- Cement the indirect restoration with resin cement according to the manufacturer's instructions for use.

#### **4. Precautions, restrictions, warnings:**

##### **4.1. Precautions**

- YBOND MONO adhesive must be used by professionals;

- Keep the product out of the reach of children;

- Flammable product;

- Keep the bottle closed to avoid evaporation of the solvent.

##### **4.2. Restrictions and Warnings:**

- Eyes: may cause moderate irritation;

- Skin: may cause moderate irritation;

- Ingestion: may cause gastric irritation;

- Inhalation: may cause irritation of the upper respiratory tract,

- Allergy: the product is contraindicated for people allergic to the components of the formula;

- Do not use directly on the pulp;

- Avoid direct contact of YBOND MONO with the skin and eyes. In case of contact, remove material immediately and wash thoroughly with soap and water.

#### **5. Indication:**

- Direct restorations of light-curing resin, ceromer and compomer;

- Indirect restorations: inlay, onlay and laminates;

- Restorations with intra-radicular retainer (when used in conjunction with a resin cement);

- Prosthetic restorations: single crowns and fixed prostheses with more elements.

#### **6. Validity**

Manufacture and expiration dates.

See packaging.

#### **7. Product Registration**

National Health Surveillance Agency

Registration: 81009350006

**Yller Biomaterials SA is not responsible for damages of any nature caused by incorrect use or use not provided for in the instructions for use.**



**YLLER**

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