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## Contraindication

Intended use of FotoDent® IBT is for manufacturing dental indirect bonding trays only; an allergic reaction might occur in case of any allergy to (meth)acrylates.

## Lot number / Expiration date

The lot number and the expiration date are indicated on each FotoDent® IBT bottle. In case of claims please always indicate the lot number of the product. Do not use the product after the expiration date.

## Form of delivery

**REF** D35120

FotoDent® IBT 385 nm

1.0 kg bottle



Warning



Rx only

Date of information: 03.2019



**Dreve Dentamid GmbH**

Max-Planck-Str. 31 • 59423 Unna/Germany

www.dentamid.dreve.de • dentamid@dreve.de



Dreve

**FotoDent<sup>®</sup> IBT 385 nm**

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Directions for use



CE

# FotoDent® IBT for Carbon printers

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## Intended use

FotoDent® IBT is a material based on (meth-)acrylate resin for DLP systems with 385 nm LED for the manufacturing of dental indirect bonding trays. When printing with Carbon's printers, it is recommended to post cure the printed parts using the PCU LED N<sub>2</sub>. This cure unit is optimally balanced for the production process.

## Indications for use

For manufacturing dental indirect bonding trays to place brackets.

## Please note

- Due to different bracket shapes, please add sufficient bracket retention when designing the indirect bonding trays. If retention is not adequate, the brackets may fall out during the placement of the IBT.
- To avoid damaging the material quality do not expose the liquid resin to light under any circumstances. Variations from the described manufacturing process may impair biocompatibility, lead to modified mechanical characteristics and/or color variations of the FotoDent® IBT material.

## Processing

- During the application of FotoDent® IBT we recommend wearing personal protective equipment (i. e. safety glasses, lab coat, closed-toe shoes, gloves, etc).
- Please see further steps within printer manual.
- Carefully pour FotoDent® IBT into the cassette.

- Processing temperature:  
Carbon M1 / M2 22 ± 3 °C
- Select the matching resin menu option in Carbon's software and begin the printing process.
- After printing is complete, the parts should be post processed as follows.
- Wash parts using 99% isopropanol (IPA) on the orbital shaker (setting 2.5 or 140 RPM) for approx 5 minutes. Then using new IPA, wash parts again for 5 minutes with the same orbital shaker settings, and let dry before final cure.
- After parts are dry, gently remove any remaining resin with a soft absorbent swab.
- Post-curing:  
PCU LED N<sub>2</sub> 10 minutes, 80% light power (nitrogen)
- Remaining Fotodent® IBT resin may be reused by filtering the cassette contents back into the original bottle.

## Possible dangers

Please note the safety instructions for processing FotoDent® IBT.

**Hazard statements:** **H315** Causes skin irritation. **H319** Causes serious eye irritation. **H317** May cause an allergic skin reaction. **H411** Toxic to aquatic life with long lasting effects.

**Precautionary statements:** **P261** Avoid breathing dust/fume/gas/mist/vapours/spray. **P280** Wear protective gloves/eye protection/face protection. **P273** Avoid release to the environment. **P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **P333+P313** If skin irritation or rash occurs: Get medical advice/attention. **P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contains:** Aliphatic difunctional Urethane Acrylate, (5-ethyl-1,3-dioxan-5-yl) methyl acrylate, 2-phenoxyethyl methacrylate, Diphenyl (2,4,6-trimethylbenzoyl) phosphin oxide