

# Conlight

Instructions for use

English

## Product description

**Conlight** is a light-curing gel modelling resin developed for building up indirect post and cores using the direct technique (intraorally). It can be applied directly from the dispensing syringe, invested after trimming and replaced in metal or porcelain. **Conlight** is easily cured with a standard light-curing unit (320 – 500 nm, e.g. a hand-held light). It is cured without vacuum. **Conlight** is not suitable for permanent fitting intraorally. It can be applied directly from the dispensing syringe and burns out without residue.

## Composition

Composition of acrylic resin, fillers and initiators.

## Areas of application

- Build-up of indirect post and cores using the direct technique
- Intraoral splinting of cast frameworks for soldering
- Intraoral fixation of secondary and tertiary units
- Fabricating bite stops

## Properties and advantages

Though flowable when applied, **Conlight** is immediately positionally stable. The material can be inserted into the prepared access cavity without a matrix and the post and core can be modelled to the correct contour. Due to the material properties of **Conlight** a minimum amount of material and time is required. **Conlight** is tasteless and odour-free. It can be trimmed after it has been polymerised with a standard light-curing unit. The trimmed post and core is very stable and accurate and can be removed without distortion. **Conlight** burns out without residue and guarantees an excellent fit of the cast root post.

## Instructions for use

After removing the cap, attach one of the application tips supplied for precise application. The tips are intended for single use. The dispensing syringe should be sealed again after use. To ensure shrinkage is kept to a minimum during curing, **Conlight** should be applied and polymerised in a maximum layer thickness of 2 mm. Polymerising layers thicker than 2 mm can result in excessive heat release and stresses. This does not guarantee an accurate fit. Prepolymerise each layer for 10 sec. with a hand-held light-curing unit. After the build-up is complete, it is fully polymerised for 40 sec.

**Important:** With a **multilayered build-up** do not remove the inhibition film on the surface; this film ensures an optimum bond of the different layers and prevents stresses in the modelling resin.

**Adding on:** If material has to be added to the finished build-up, e.g. after trimming with rotary instruments, ensure that the core is free of dirt and grease before applying additional **Conlight**.

The inhibition film is removed from the surface with rotary instruments or acetone only after the post and core is finally finished.

## Casting recommendation

The post and core can be invested and cast in the usual way. The preheat furnace should be heated as follows:

0-280 °C:	Heat rate 8°C/min.
at 280°C:	Hold time 20 min.
280-580°C:	Heat rate 8°C/min.
at 580°C:	Hold time 20 min.
580-final temperature:	Heat rate 8°C/min.
Final temperature:	According to the type of alloy / 60 min. hold time

## Warning

**Conlight** should not come into contact with the mucosa and the eyes or remain permanently in the mouth. Wear protective gloves, protective clothing and eye protection. Those sensitive to the product may experience sensitisation. We recommend discontinuing use in such cases. Switch on aspirator when grinding. Harmful to aquatic life with long lasting effects.

## Contraindications, Interactions

The use of the product is contraindicated if known allergy to any ingredient exists. Interactions are not determined.

## Secondary effects

Product may cause allergic reaction.

## Storage

Store at 4-25°C.

Protect **Conlight** syringes from heat and sunlight.

Do not use after the expiry date.

## Disposal instructions:

Dispose of contents/ container in accordance with local regulation.

## Pack contents

3 x 3 g **Conlight** slide syringe

9 Application tips

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This product was developed for use in dentistry and should be used according to the instructions for use. The manufacturer does not accept liability for damage caused by its use for any other purpose. The user is also personally responsible for checking before use that the material is suitable and can be used for the intended purpose, particularly if this is not listed in the instructions for use.

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## Legend

 LOT	Lot number		Recommended storage temperature
	Expiry date		Manufacturer
	Read instructions for use		Protect from sunlight