

AESTHETIC
RESTORATIONS
WITHOUT
BONDING?



IONOLUX

Ionolux®

LIGHT-CURING GLASS IONOMER RESTORATIVE MATERIAL



AESTHETIC RESTORATIONS WITHOUT BONDING

For more than 30 years, VOCO has been researching and producing glass ionomer materials for use in the dental sector. Applied according to indication, glass ionomer restoratives and luting materials cover a wide spectrum of conservative and prosthetic dentistry.

Ionolux is a light-curing glass ionomer restorative characterised by a broad range of indications and its particularly practice-oriented handling, a high level of aesthetics as well as outstanding physical properties.

The light-curing glass ionomer material of your choice

Ionolux is a glass ionomer material which is applied without bonding or conditioner. After mixing, Ionolux has a packable consistency enabling you to insert the material into the cavity immediately and complete the finishing work at a quick pace. Ionolux is inserted in layers of 2 mm which can be cured in only 20 seconds. Its physical properties are also convincing: a maximum level of compressive strength and minimal water solubility make Ionolux the product of your choice.

Minimally invasive therapy

Small-scale initial carious lesions are only exposed as far as necessary, the caries is removed and treatment is carried out with an aesthetic, tooth-coloured glass ionomer restorative material, which conserves tissue. With the light-curing Ionolux, it also conserves time, shortening the duration of the patient's treatment and helping the dental office gain valuable time.

Paediatric dentistry

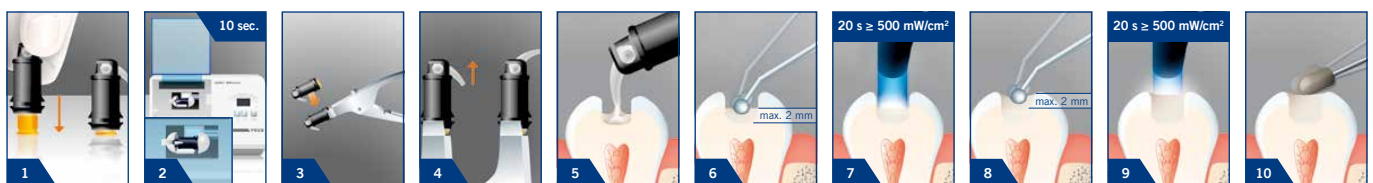
Whenever children require dental therapy, both the dentist and the little patient welcome treatment which is limited to the absolute minimum of necessary steps. Modern glass ionomer restorative materials such as Ionolux are useful in these situations: the "stress" involved is kept at a manageable level for both parties, thanks to only moderate drying, no conditioning of the dental hard tissue before placement of the filling, and also immediate light-curing without conditioning.

The older patient

The proportion of older people in today's society keeps growing, and this is also reflected in the clientele visiting dental offices. The demands facing dentists with regard to conservative therapy for this group of patients are distinctly different from those of younger patients. Glass ionomer restorative materials provide the ideal choice for this type of therapy: only moderate drying is required for placing the filling. Good sculptability and aesthetics, also in the cervical area, and rapid light-curing as well as fluoride release all make a case for Ionolux as the ideal material for not-so-young teeth.

Preprosthetic treatment

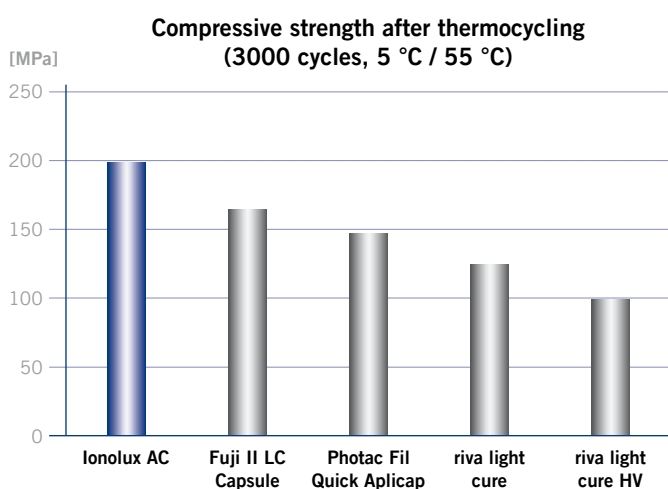
In many cases, large defects of the dental hard tissue have to be treated before prosthetic measures are carried out. It is not uncommon for these treatments to take a long time in order to ensure that all the affected teeth receive sufficient attention to free them from caries and correct all tissue defects. Ionolux is easy to apply into the cavity, blocks out undercuts, levels out unevenness and does not lead to a change in the natural shade of the tooth. Even larger build-ups can be prepared in an efficient way.



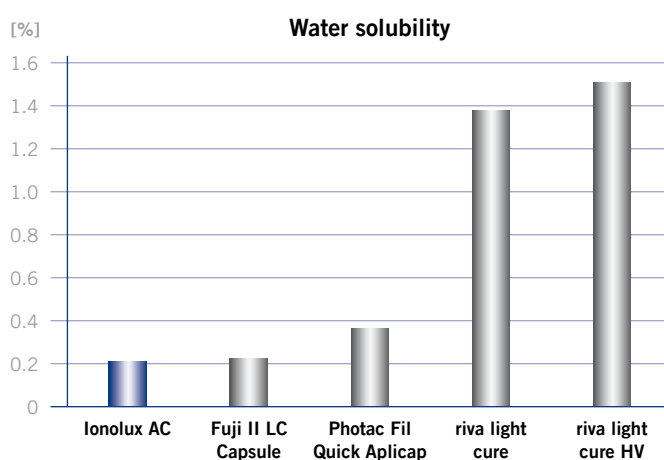
Pain management and emergency treatment

Patients suffering pain represent a challenge for any dental practice. Ionolux allows for reliable treatment after elimination of the pain-inducing factors, whether you have treated caries profunda beforehand or carried out primary endodontic treatment. For these cases you need a restorative material which

provides an efficient seal to prevent ingress of bacteria and medication. You need to feel confident that the material can reliably sustain the measures you are taking and that it can keep the cost of initial treatment at a reasonable level. Ionolux fulfills these criteria.



Source: VOCO in-house measurement 2015



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Clinical cases

Case 1

Source: Dr. Isma Goltz, Bremen / Germany



Tooth 35 with cervical defect



Tooth 35 immediately after treatment

Case 2

Source: Prof. Hervé Tassery, PU-PH, Faculty of Odontology, University of Marseille / France



Teeth 16, 15 after excavation



Subsequent treatment with Ionolux

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Indications

Class III and V restorations, primarily cervical fillings and root caries

Restoration of deciduous teeth

Small class I fillings

Temporary fillings

Core build-ups

Linings

Advantages

- Excellent working time – point in time at which it starts setting can be determined by light-curing
- No need for conditioning of dental hard tissue
- Also suitable for big cavities
- Immediately packable after placement in the cavity
- Does not stick to the instrument, easy to model
- Fill, polymerise and finish – no varnish required
- Fluoride release
- Biocompatible
- Radiopaque
- A suitable alternative to the CBF technique (composite bonded to flow) in deep cavities

Presentation

REF 1990	Powder / liquid (12 g / 5 ml) A1, accessories
REF 1991	Powder / liquid (12 g / 5 ml) A2, accessories
REF 1992	Powder / liquid (12 g / 5 ml) A3, accessories
REF 2303	Mixing pads 70 × 80 mm, with adhesive back, 4 pcs.



REF 2115	Set application capsule 50 pcs. (10 × A1, 10 × A2, 30 × A3)
REF 2117	Application capsule 20 pcs. A1
REF 2118	Application capsule 20 pcs. A2
REF 2119	Application capsule 20 pcs. A3
REF 2120	Application capsule 20 pcs. A3.5
REF 2121	Application capsule 20 pcs. B1
REF 2122	Application capsule 150 pcs. A2
REF 2123	Application capsule 150 pcs. A3
REF 2331	Applicator – AC type 1
REF 2169	VOCO Trifill instrument, 10 pcs.

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VOCO GmbH
Anton-Flettner-Straße 1-3
27472 Cuxhaven
Germany

Freecall: 00 800 44 444 555
Fax: +49 (0) 4721-719-140

info@voco.com
www.voco.dental

Available from: