

NEW

Cention[®] Forte

Bioactive powder-liquid filling material*



The new **alternative**
to amalgam

*Release of bioactive hydroxide, calcium and fluoride ions


ivoclar
vivadent[®]
passion vision innovation

Innovative

Cention Forte is an innovative, high-strength alternative to amalgam for Class I and II restorations.

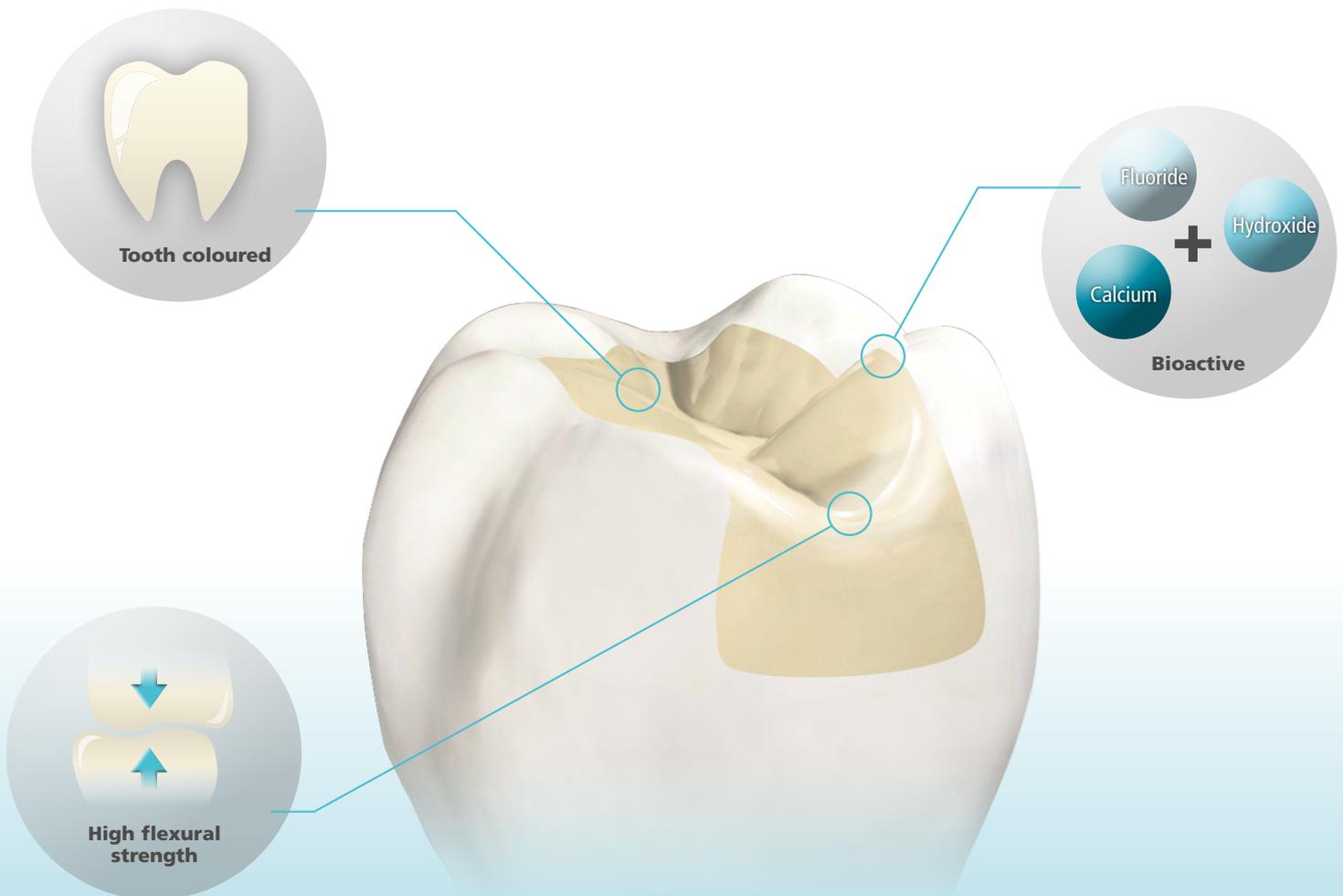
Amalgam has been successfully used as a dental filling material within the scope of its indications for many years. Nonetheless, the demand for a suitable alternative is considerable. People tend to dislike amalgam because of its intrinsic grey colour and its mercury content of 50%.

Cention Forte is tooth-coloured, and it has a high flexural strength. This new self-curing filling material, which releases bioactive ions, belongs to the materials group of Alkasites. The product's patented alkaline filler increases the release of hydroxide ions during acid attacks and therefore regulates the pH value. This can help to prevent the demineralization of tooth structure. Moreover, the release of large numbers of fluoride and calcium ions forms a sound basis for the remineralization of dental enamel.

100%

volume replacement

Three reasons why Cention Forte is superior to glass ionomer cement as an alternative to amalgam

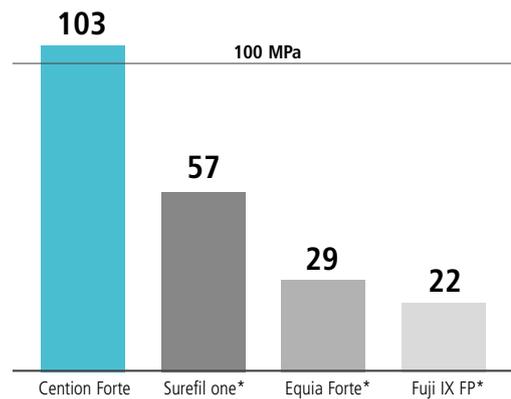


Durable

High flexural strength for stress-bearing Class I and II restorations

Clinical studies have confirmed that a flexural strength of ≥ 100 MPa is an important factor for durable, long-lasting restorations^[1,2]. This is where Cention Forte considerably differs from glass ionomer cement. At ≥ 100 MPa, Cention Forte offers good flexural strength for the stress-bearing posterior region.

Flexural strength [MPa] (self-curing)



* This brand is not a registered trademark of Ivoclar Vivadent AG.
Source: R&D, Ivoclar Vivadent AG, Schaan, Liechtenstein, 2020

≥ 100 MPa
flexural strength



^[1] S. D. Heintze et al., Dent. Mater. 2017, 33 (3), e101-e114

^[2] S. D. Heintze, B. Zimmerli, Schweiz Monatsschr Zahnmed 2011, 121, 804-809

Esthetic

More esthetic than amalgam and glass ionomer cement

Cention Forte is tooth coloured, and it features a high translucency level of approx. 11%. This allows Cention Forte to blend in naturally with the surrounding tooth structure, while simultaneously covering discoloured dentin.

Over 90% of all the patients who were treated with Cention Forte said that the product was good-to-excellent in terms of its esthetic properties and function^[3,4].



Pre-operative view

Prepared cavity

Application of Cention Primer

Result

Pictures: Dr Simon Botond, Private Practice Budapest, 2020



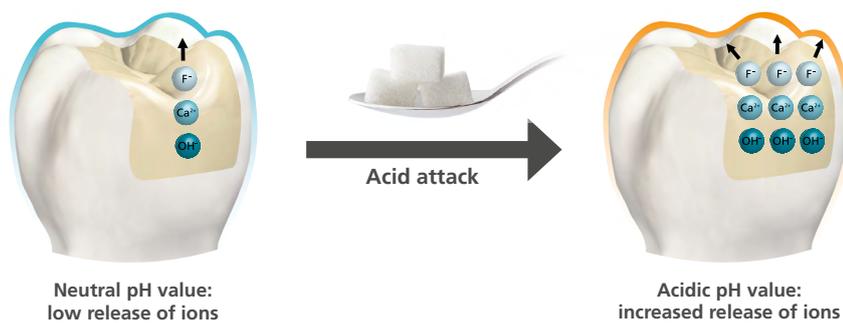
^[3] M. Özcan, Study Report, Istanbul, 2017

^[4] Lawson NC et al., Study Report, Birmingham, USA, 2017

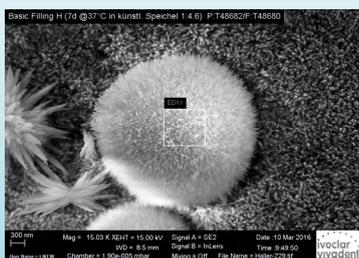
Bioactive

Prevention of demineralization and promotion of remineralization

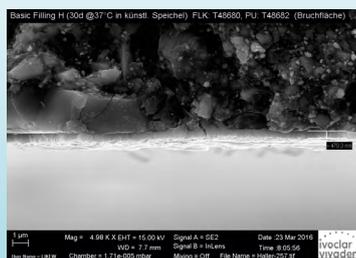
Cention Forte features a sophisticated ion release mechanism which helps to prevent proximal caries. If the pH drops due to the growth of bacteria, Cention Forte will release hydroxide ions in order to help restore the pH balance. This can help to prevent the process of demineralization.



The fluoride and calcium ions released by Cention Forte can assist in the remineralization of tooth structure. In-vitro studies have shown that initial calcium phosphate crystals and traces of calcium fluoride are detectable on Cention Forte after just a few days in a saliva solution. They are similar to natural hydroxyapatite and can help to rebuild tooth structure.



Formation of initial calcium phosphate crystals
after seven days in artificial saliva



Homogeneous calcium phosphate layer after 30
days in artificial saliva.

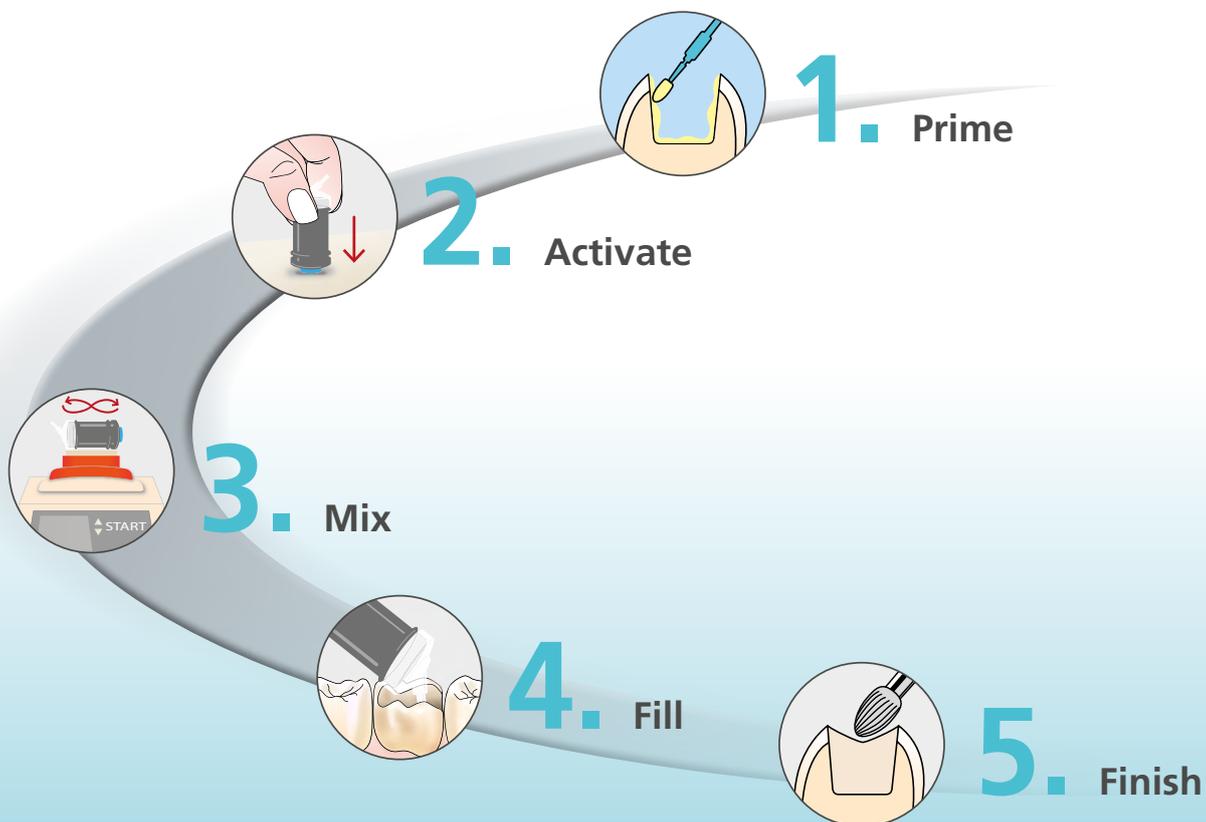
Fast

An ideal combination

The two-component Cention Primer is specifically designed for use with Cention Forte. This self-etching and self-curing primer provides an ideal basis for using Cention Forte.

Fast and easy application

Cention Forte is straightforward to use. Simply coat the prepared cavity with Cention Primer and scrub in the primer. Activate the Cention Forte capsule, mix the contents and fill the material in the cavity. Once the material has set, it can be finished with suitable tungsten carbide burs.



Economical

≥100
single tooth
restorations

Up to 100 single tooth restorations from one Jumbo Refill package

One 3-g capsule of Cention Forte yields enough material to place one large Class II filling. Consequently, Cention Forte will enhance your efficiency and profitability. An additional layer can be applied in large cavities, without any extra steps.

Delivery forms

Cention Forte Start cap. 20x0.3g A2/Primer 1x3g Cention Forte capsules Cention Primer	20x0.3g 1x3g 25xbrushes	740831WW
Cention Forte Kit cap 50x0.3g A2/Primer 1x6g Cention Forte capsules Cention Primer	50x0.3g 1x6g 50xbrushes	740832WW
Cention Forte Refill capsules 50x0.3g A2 Cention Forte capsules	50x0.3g	740829WW
Cention Forte Jumbo Refill capsules 100x0.3g A2 Cention Forte capsules	100x0.3g	740830WW
Cention Primer Refill 1x6g Cention Primer	1x6g 50xbrushes	740833WW
Capsule Applicator Refill	1 x	694767AN
Silamat S6 100–240 V	1 x	602286 WA/WG/WS/WU

