

Dental Amalgam will be phased out from 2025 onwards

Forty ton of mercury is still being used in dental treatments in the EU each year! For reasons of environmental protection, The European Council and Parliament agreed to ban the use of amalgam for any dental treatment in its member states as of the 1st of January, 2025.*

EU countries that have not yet adjusted their reimbursement system to cover alternatives, may postpone the phase-out up until 30 June 2026.

*Source: European Parliament News

Mercury: deal with Council to phase out the use of dental amalgam | News | European Parliament (europa.eu)

Which criteria should be considered when selecting an alternative material?

The use of dental amalgam is declining worldwide. The Minamata Convention has provided direction for a phase down of its use as a restorative material to eliminate the release of mercury into the environment. Alternative direct dental restorative materials have improved with time, but still have limitations. Adequate knowledge of these limitations is critical for appropriate material selection and optimal patient care. Ease and costs of placement, preservation of tooth tissue, performance in high stress areas, caries risk status, adverse reaction to the material as well as the relevance of ion release by such materials are important issues to consider when selecting from these alternatives to dental amalgam.

Source: FDI Statement, <https://www.fdiworlddental.org/alternative-direct-restorative-materials-dental-amalgam>

What are the available restorative options?

Luckily, we have viable mercury-free alternatives nowadays. To bring some clarity, we have summarized some scientifically supported options for you and the best indications for each of them.



G-aenial Universal Injectable		
Syringe 1ml (1.7g)	Unitip 15x0.16ml (0.27g)	Shade
10003703	10006910	XBW
10003704	10006911	BW
10003705	10006896	A1
10003706	10006897	A2
10003707	10006898	A3
10003708	10006899	A3.5
10003709	10006900	A4
10003710	10006901	B1
10003711	10006902	B2
10003712	10006903	CV
10003713	10006904	CVD
10003714	10006905	AO1
10003715	10006906	AO2
10003716	10006907	AO3
10003717	10006908	JE
10003718	10006909	AE



everX Flow Syringe 2ml (3.7g)	
10001488	Bulk shade
10001489	Dentin shade



EQUIA Forte HT	
10004846	Intro Pack, 20 capsules A2 + 20 unitdoses of coat
10004796	Intro Pack, 20 capsules A3 + 20 unitdoses of coat
10004950	Intro Pack, 20 capsules B2 + 20 unitdoses of coat
10004866	Promo Pack, 100 capsules A2 + 1 bottle of coat, 4ml
10004848	Promo Pack, 2x50 capsules A2-A3 + 1 bottle of coat, 4ml
10004811	Promo Pack, 100 capsules A3 + 1 bottle of coat, 4ml
10004847	Promo Pack, 2x50 capsules A3-B2 + 1 bottle of coat, 4ml
10004863	Clinic Pack, 200 capsules A2 + 1 bottle of coat, 4ml
10004892	Clinic Pack, 200 capsules A3 + 1 bottle of coat, 4ml
10004874	Clinic Pack, 200 capsules B2 + 1 bottle of coat, 4ml

Related products



G-Premio BOND
Universal bonding agent

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A shift in the dental landscape

Amalgam Alternatives from GC



EQUIA Forte™ HT



Bulk fill glass hybrid long term restorative system

The most moisture-tolerant & forgiving material

- ✓ Ideal to use when isolation is difficult to achieve
- ✓ Chemical adhesion eliminating the need for a separate bonding
- ✓ Minimally invasive as only infected dentin needs to be removed

Excellent long-term success rate, even in load bearing cavities

- ✓ Thanks to the very resistant final coating layer
- ✓ EQUIA Forte HT is a reliable long-term restorative system based on 12 years of proven clinical experience with EQUIA

Bulk placement resulting in a fast & easy procedure

- ✓ Unlimited depth of cure
- ✓ Virtually no shrinkage due to the absence of resin monomers
- ✓ Very low technique sensitivity of the procedure



Courtesy of Dr Matteo Basso, Italy

G-aenial™ Universal Injectable



High-strength restorative injectable composite

The most thixotropic & versatile material

- ✓ Injectable viscosity: stays in place but adapts to every cavity
- ✓ One material for all cavities (even load-bearing), without covering layer

High wear resistance

- ✓ Based on FSC technology: excellent dispersion & adhesion of the fillers in the matrix
- ✓ Excellent durability in time

Beautiful restorations

- ✓ Achieved with a short polishing time
- ✓ Optimal gloss retention
- ✓ Wide shade range



Courtesy of Dr Clarence Tam, Australia

everX Flow™



Short-fibre reinforced flowable composite for dentin replacement

The strongest dentin reinforcement material

- ✓ Fibre reinforcement effect
- ✓ Superior Fracture toughness
- ✓ Optimal for large or cracked cavities

Easy bulk placement

- ✓ Layers of up to 5,5 mm thickness with the Bulk shade
- ✓ Flowable consistency for a perfect adaptation to the cavity

Affordable solution for patients

- ✓ Enables to make a direct restoration where an indirect one could have been indicated



Courtesy of Prof Joseph Sabbagh, Lebanon.
everX Flow + Essentia