



Obturation

Bio-
Magic

Proven biocompatibility
that lasts.
Ready to fall in love?

TotalFill®

Innovation in the Heart of the Swiss microtech valley

Since 1931, in the heart of the Swiss microtech valley, we have been pushing the limits of endodontics by combining technology and innovation.

Our mission is to provide solutions that respect the complex anatomy of teeth while improving the treatment efficiency. With game-changers such as XP-endo Rise, RACE EVO, R-Motion, Finisher and TotalFill, we have transformed how endodontics is practiced, giving clinicians better tools to meet challenges with confidence.

Didier
Devaud
General
Manager



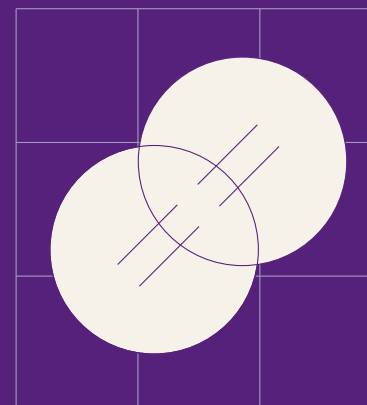
Obturation

Bio-Magic

So bio-compatible, it's almost magic! This scientifically proven, ready-to-inject bioactive bioceramic offers durable, stable sealing, and remarkable antimicrobial activity. Teeth love the TotalFill range and thanks to its reliability, your patients will probably love you too. That's how we empower endo.

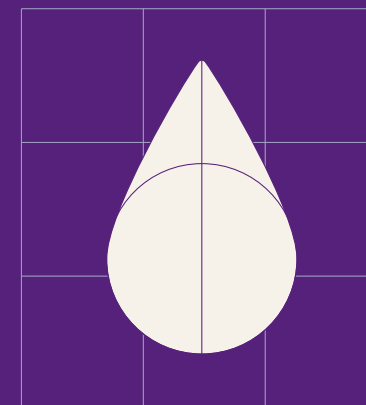


A bioceramic concept that ensures durable sealing and is supported by robust clinical evidence that demonstrates effectiveness in various applications.



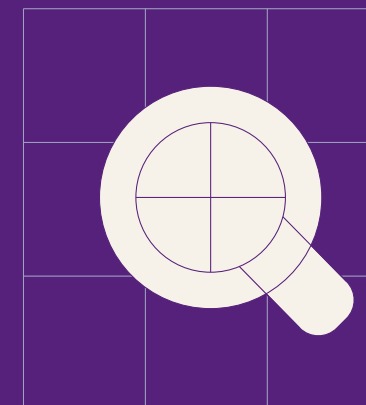
Durable sealing

Created to offer you a dependable seal, TotalFill ensures a reliable bond that prevents microleakage and guarantees long-term success in endodontic treatments, even under challenging conditions.



Bioceramic concept

TotalFill provides exceptional biocompatibility and bioactive properties. By ensuring stable and remarkable antimicrobial activity, it sets a new obturation standard for root canal.



Clinical evidences

The reliability of the TotalFill obturation system has been scientifically proven with a substantial body of clinical evidence.

Durable sealing

TotalFill bioceramic ensures stable sealing with zero shrinkage, creating a perfect, void - free mass of obturating material. Its advanced composition ensures a reliable bond that adapts perfectly to canal walls, preventing bacterial microleakage and ensuring long-term success.

In addition, its excellent bond to the root canal walls enhances the integrity of the sealer-dentin interface during mechanical stress, thus increasing resistance to fracture.

Studies have shown that TotalFill maintains its sealing capabilities even under challenging conditions, giving you confidence in the durability and effectiveness of endodontic treatments.

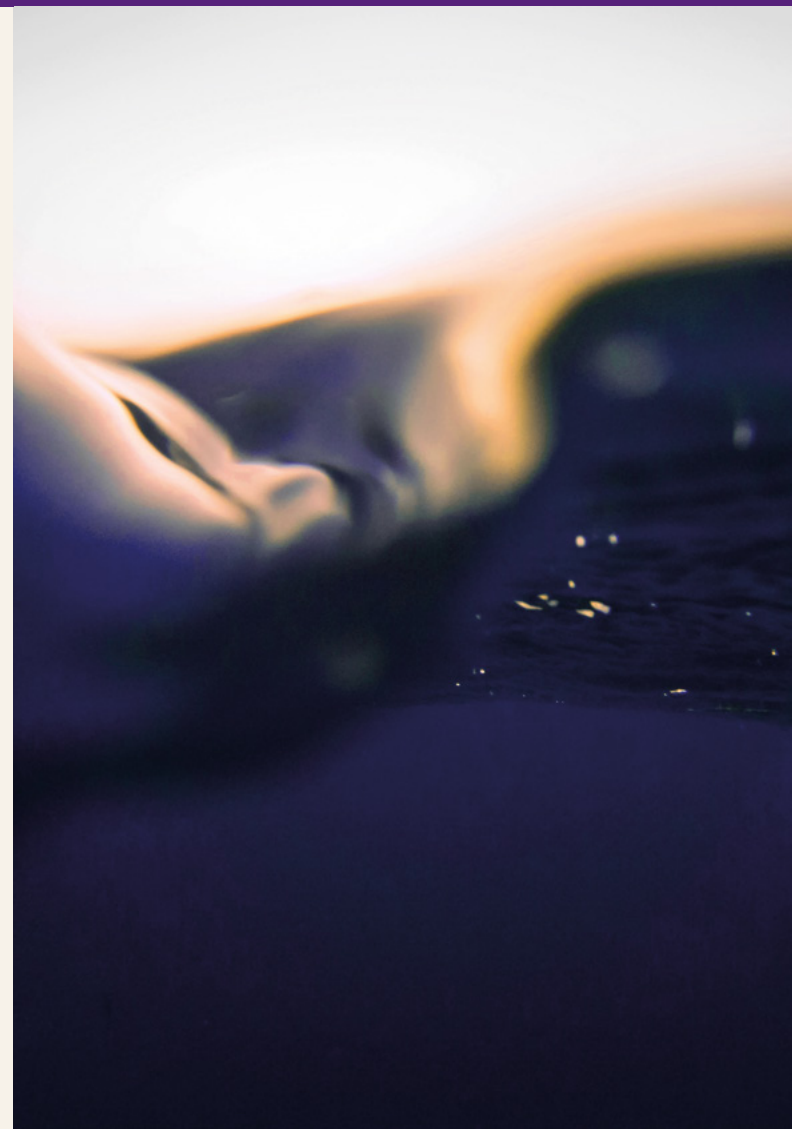


Clinical evidences

TotalFill delivers reliability you can trust. Its an obturation system backed by extensive scientific research, demonstrating proven clinical results and advanced sealing abilities. TotalFill bioceramic benefits from more than 120 published independent studies demonstrating clinical effectiveness, and zero adverse events recorded in the FDA MAUDE database.

Bioceramic concept

TotalFill cement-based sealers have high biocompatibility and bioactive properties thanks to their strong and adequate calcium silicate composition. The stable and remarkable antimicrobial activity of TotalFill, thanks to calcium silicates and hydroxide that release bioactive ions of high pH, helps to promote the success of endodontic treatment by reducing persistent bacterial activity and precipitating natural hydroxyapatite (HA).



Curious? Here's more details about TotalFill:

TotalFill is available for two types of usage:



3D obturation

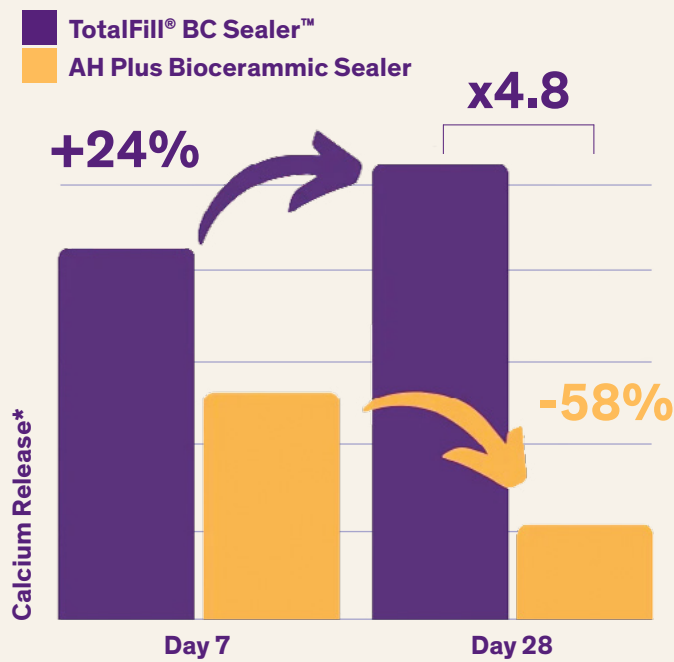
TotalFill BC Sealer, TotalFill BC Sealer HiFlow, TotalFill BC Points, TotalFill BC Pellets.



Root repair needs and retrograde fills

The TotalFill BC RRM repair material comes in 3 specially formulated consistencies: as a paste (syringe 1 g), a Putty (jar 2.5g) or a Fast Set Putty (syringe 0,3 g).

A new research by Professor Josette Camilleri and Dr. Veksina Raman is published in Journal of Endodontics*



3 key findings from this research:

1

Up to 4.8x superior Calcium release for TotalFill BC Sealer vs. AH Plus Bioceramic Sealer.

TotalFill BC Sealer released 24% more Calcium at day 28 vs. day 7.
AH Plus Bioceramic Sealer released 58% less Calcium at day 28 vs. day 7.
TotalFill BC Sealer released 4.8x more Calcium vs. AH Plus Bioceramic Sealer at day 28.

2

AH Plus Bioceramic Sealer disintegrated in immersion solution after 7 days.








This is due to the lower percentage (5%-15%) of calcium silicate in AH Plus Bioceramic Sealer. TotalFill BC Sealer contains up to 50% calcium silicate and 4% of calcium hydroxide.




3

AH Plus Bioceramic Sealer leached Lithium.

Due to its unique composition, TotalFill BC Sealer has demonstrated its safety and efficacy in more than 80 publications.

References

TotalFill® BC Sealer™		
	2g syringe + 15 tips	08.650.00.007.XX
TotalFill® BC Sealer HiFlow™		
	1.5g syringe + 15 tips	08.650.00.008.XX
TotalFill® BC Tips™		
	15 tips	08.650.00.002.XX
TotalFill® BC Points™		
	Cones + Paper Points 15-60/.02 (300 pcs)	08.650.02.S60.RB
	Cones + Paper Points 15-60/.04 (300 pcs)	08.650.04.S60.RB
	Cones 15-50/.06 (240 pcs)	08.650.06.S60.RB
	Cones 25-60/.02 (100 pcs)	8 references
	Cones 15-80/.04 (60 pcs)	12 references
	Cones 15-50/.06 (60 pcs)	8 references
TotalFill® BC Points HiFlow™		
	Cones 15-55/.04 (60 pcs)	8 references
TotalFill® BC Pellets™		
	Pellets (100pcs)	08.650.00.005.XX

TotalFill® BC RRM™ Paste		
Perforation, Resorption, Pulp capping		
Setting time: 2 hours		
	1g syringe + 7 tips	08.650.00.003.XX
TotalFill® BC RRM™ Putty		
Apexification, Retrofilling		
Setting time: 2 hours		
	2.5g jar	08.650.00.004.XX
TotalFill® BC RRM™ Fast Set Putty		
Apexification, Retrofilling		
Setting time: 20 minutes		
	0.3g syringe	08.650.00.006.XX



* Raman V, Camilleri J, Characterization and assessment of physical properties of three single syringe hydraulic cement-based sealers, Journal of Endodontics (2024), doi: <https://doi.org/10.1016/j.joen.2024.01.001>

Find a partner:



Empower Endo



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Welcome to the heart of the Swiss microtech valley.

For nearly a century, we have been constantly re-inventing and challenging what we thought we knew.

We strive to create innovations for new ways of working: more respectful, more efficient, more agile, more ergonomic, and safer—serving new generations, promoting new visions of life, for us, for you, and for patients.

We embrace change that empowers endo.

FKG | Change the game.

Enter our game-
changing universe



Check out
our website



www.fkg.ch

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