

CLOSED

**Sealed
with trust**

VDW.1Seal™
Bioceramic
Sealer





Meeting the challenges in obturation

Endodontic treatment is a complex process where every detail counts to achieve a satisfactory result. One major challenge is the risk of infections that need to be considered at any step – also in obturation.

The main cause of endodontic failure is the persistence of microorganisms that cause an intra-radicular or extra-radicular infection which then becomes resistant to disinfection measures.¹ The **VDW.1Seal™ Bioceramic Sealer** provides a pH value (≥ 12) which has shown to have an antimicrobial effect.²

Because there is just one thing that should be found in a root canal: **a dimensionally stable filling that remains...**

¹ Prada I, Micó-Muñoz P, Giner-Lluesma T, Micó-Martínez P, Collado-Castellano N, Manzano-Saiz A. Influence of microbiology on endodontic failure. Literature review. Med Oral Patol Oral Cir Bucal. 2019 May 1;24(3):e364-e372. doi: 10.4317/medoral.22907.

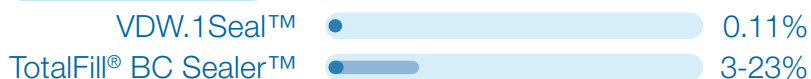
² The anti-microbial effect against enterococcus faecalis and the compressive strength of two types of mineral trioxide aggregate mixed with sterile water or 2% chlorhexidine liquid. Holt DM et al., J Endod. 2007 Jul;33(7):844-7.

VDW.1Seal™ Bioceramic Sealer and its benefits for your practice

LOW SOLUBILITY³ AND FILM THICKNESS³

Low solubility with high washout resistance for long-term sealing.

Solubility:



Film Thickness:



FAST & PREDICTABLE SET TIME³

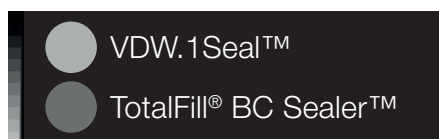


HIGH FLOWABILITY

Good flowability is an essential characteristic of sealers and allows it to fill difficult-to-access areas such as accessory canals, isthmus and other irregularities of dentin.

ENHANCED RADIOPACITY³

25% more radiopacity helps track treatment results.



BIOCOMPATIBLE

Providing an ideal environment for hydroxyapatite (HA) formation paving the way for the body's self-healing process.



...for a clinically reliable seal



EXTRA^{THIN} VERY^{FAST} HIGH^{WASHOUT} RESISTANCE

VDW.1Seal™ Bioceramic Sealer:




MKTV1SM000000	VDW.1Seal Bioceramic Sealer Starter Kit
M00V1SM10003G	VDW.1Seal Bioceramic Sealer Syringe Refill
M00V1SMB2524G	VDW.1Seal Bioceramic Cannula Refill

The biocompatible VDW.1Seal™ Bioceramic Sealer allows a precise obturation with any obturation technique – single cone or warm techniques.










RECIPROC® *blue* Gutta-Percha

Flip pack of 60 pieces	Size	28 mm
	R25	V04 0258 028 025
	R40	V04 0258 028 040
	R50	V04 0258 028 050
36 x R25, 12 x R40, 12 x R50		V04 0258 028 237

RECIPROC® Gutta-Percha

Slide cassette of 60 pieces	Size	28 mm
	R25	V04 0214 028 025
	R40	V04 0214 028 040
	R50	V04 0214 028 050
40 x R25, 10 x R40, 10 x R50		V04 0214 028 237

VDW.ROTATE™ Gutta-Percha

Flip pack of 60 pieces	Size/Taper	28 mm
	25.04	M00 VRGP F00 425
	30.04	M00 VRGP F00 430
	35.04	M00 VRGP F00 435
	40.04	M00 VRGP F00 440
	50.04	M00 VRGP F00 450
	60.04	
	25.06	M00 VRGP F00 625
	30.06	M00 VRGP F00 630
	35.06	M00 VRGP F00 635
	40.06	M00 VRGP F00 640
	24 x 25.06 12 x 30.04 12 x 35.04 12 x 25.04	M00 VRGP F00 AST

GUTTAFUSION for RECIPROC® *blue* Obturators

Blister pack of 6 obturators	1 blister pack	5 blister packs
	R25	V04 1551 000 025 V04 1552 000 025
	R40	V04 1551 000 040 V04 1552 000 040
	R50	V04 1551 000 050 V04 1552 000 050

GUTTAFUSION for RECIPROC® Obturators

Blister pack of 6 obturators	1 blister pack	5 blister packs
	R25	V04 1531 000 025 V04 1532 000 025
	R40	V04 1531 000 040 V04 1532 000 040
	R50	V04 1531 000 050 V04 1532 000 050

Bioceramics: The next level of endodontic sealing

Compared to regular resin sealers, bioceramic sealers:

- + are biocompatible
- + promote the formation of hydroxyapatite
- + have a shorter setting time
- + do not shrink nor expand after setting



Calcium silicate-based sealers (bioceramic sealers) for root canal

treatment: Tricalcium silicate interacts with body fluids to release calcium and hydroxide ions that promote hydroxyapatite (HA) formation and support the healing response.



Manufactured By:

Maruchi
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Gangwon-do, 26311, South Korea



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