

A dimensionally stable seal you can trust: VDW.1Seal™ Bioceramic Sealer

Munich, 15.04.2022 | VDW introduces VDW.1Seal™ Bioceramic Sealer, a new tricalcium silicate-based sealer for the next generation of bioceramic materials. This biocompatible root canal sealer is designed to predictably set, resist washout, and maintain low solubility for clinicians who are determined to improve their obturation results and with a dimensionally stable bioceramic sealer they can trust.

Maximum precision in every step of treatment. In endodontics, this is a key success factor. For obturation, the new VDW.1Seal™ Bioceramic Sealer offers valuable support by providing every detail that counts to achieve a satisfactory result. Protecting against the risk of re-infections needs to be considered at any step – including 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 Compared to other sealers, VDW.1Seal™ Bioceramic Sealer provides a pH value (≥ 12) which has shown to have an antimicrobial effect². In addition, it predictably sets within 2-4 hours with low solubility that does not shrink or expand providing clinicians predictable results.

These essential characteristics of sealers allows it to fill difficult-to-access areas such as accessory canals, isthmus and other irregularities of dentin and is 25% more radiopaque than current bioceramic sealers.

Find out more about VDW.1Seal™ Bioceramic Sealer at vbw-dental.com/en/products/detail/vdw1seal-bioceramic-sealer/

Contact

Marion Par-Weixlberger
Vice President Public Relations &
Corporate Communications

VDW GmbH
Postfach 83 09 54
81709 Munich
Germany

Marion.Par-Weixlberger@dentsplysirona.com

Lydia Penski
Edelman GmbH
Schöneberger Str. 15
10963 Berlin
Germany

T +49 (0)30 221 82 90 - 70
vdw-dental@edelman.com
www.edelman.com

ABOUT VDW:

VDW GmbH based in Munich, Germany is one of the most well-known manufacturers working in the dental field of endodontics. For over 150 years, VDW has been a pioneer in shaping the evolution of root canal treatment significantly. VDW focuses on offering the dentist a holistic solution covering the entire endodontic treatment process including preparation, irrigation, obturation and post-endodontic care as well as service and training. For more information about the company, the VDW brand and products, please visit www.vdw-dental.com/en/

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.

Pictures:



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



Pic. 2 : A convenient, easy-to-use 3gr syringe with a 24-gauge cannula that can be placed directly into the canal.