

Ivoclar Vivadent announces the 3s PowerCure™ System

Zero to 4mm in 3 seconds

Esthetic, high-quality and efficient composites

The incremental layering technique is very time-consuming, especially when dealing with large cavities. Dentists can now reduce their treatment time by more than half while achieving the same esthetics and function of traditional 2mm layered composites. The new 3s (three second) PowerCure System from Ivoclar Vivadent is key to this improvement in efficiency.

The 3s PowerCure System is comprised of products that are optimally coordinated for direct restorative procedures enabling esthetic, high-quality posterior restorations to be produced with extreme efficiency. The system includes Adhese® Universal (single-component adhesive), Bluephase® PowerCure (intelligent, high-performance LED curing light), and Tetric® PowerFill and Tetric PowerFlow (sculptable and flowable composites which can be placed in increments up to 4 mm). When light-cured from the occlusal surface with Bluephase PowerCure, the adhesive will polymerize in 3 seconds and each 4 mm layer of composite can be cured in just 3 seconds. The extended layer thickness of up to 4 mm significantly reduces the number of treatment steps required.

This is an open system because the adhesive and composites are compatible with other curing lights when cured according to their instructions for use, while the Bluephase PowerCure LED light has a choice of four different levels of light intensity, making it compatible with all other materials.

Same esthetic results as conventional composites

The highly reactive light initiator Ivocerin has paved the way for the development of Tetric PowerFill and Tetric PowerFlow for esthetic posterior restorations. These composites offer enamel- and dentin-like translucency levels due to Aessencio technology. This enables the same esthetic results in the posterior region as with conventional composites. A patented chain transfer agent provides low shrinkage and increased strength. These proprietary technologies provide efficiency, quality and esthetics like no other.

Intelligent high-power curing light

Bluephase PowerCure is an intelligent curing light that detects unintentional movement of the handpiece during the light-curing procedure. It alerts the user of improper operation by vibrating and automatically extends the exposure time to ensure that the material receives adequate amount of light energy needed for proper polymerization. If the accidental movement prevents the material from curing properly, the light will automatically interrupt the exposure cycle so it can then be repeated correctly.

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Experience the difference

Fewer layers. Extremely short curing times. The 3s PowerCure System for esthetic posterior restorations reduces the risk of application errors and insufficient curing. Dentists will notice the difference right away.

Bluephase, Tetric, Adhese and PowerCure are trademarks of Ivoclar Vivadent, Inc.

(3s Power Cure.jpg)

Fig.: The new 3s PowerCure product system from Ivoclar Vivadent allows you to achieve esthetic posterior restorations with high efficiency.

About Ivoclar Vivadent

Ivoclar Vivadent is a global leader in innovative materials and processes for quality, esthetic dentistry. The company employs over 3600 people and operates in over 120 countries throughout the world. Ivoclar Vivadent is headquartered in Schaan, Liechtenstein. Its North American headquarters is based in Amherst, NY. For more information, call 1-800-533-6825 in the U.S., 1-800-263-8182 in Canada.

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