

# ACTIVA™ Presto™

## Universal Stackable Composite

Moisture Friendly | Light Cure



POWERED BY  
**CRYSTA**™  
MCP TECHNOLOGY  
U.S. PATENT NO. 11,116,701 B2

## ESTHETIC, BIOACTIVE, LOW FLOW

ACTIVA Presto is a versatile, highly esthetic, bioactive material indicated for all classes of cavities and load-bearing applications. Its stackable, low-flow viscosity ensures superior handling and accurate placement, even in difficult to reach areas. ACTIVA Presto bioactively seals margins to defend against secondary caries.

- Highly polishable – Top-tier esthetics
- Bioactive – Calcium, phosphate, and fluoride release supports remineralization
- Patented rubberized resin – Tough, durable, load-bearing, fracture resistant
- Moisture friendly – Anxiety-free placement in the oral environment
- Stackable and injectable – Uniquely shapeable, low flow viscosity
- Contains no Bis-GMA, no Bisphenol A, and no BPA derivatives
- Pediatric to geriatric shades: A1, A2, A3, A35, A4, A6, B1, Bleach



### Exquisite form and function

“The soft tissues respond beautifully to Activa Presto. The material preforms remarkably well, even when placed sub-gingivally, thanks to the moisture-friendly resin and its ability to micro-flex with the tooth at the gumline. The cosmetic shade blending provides the desired result for this patient, and the release of calcium and phosphate will discourage recurrent caries.

– Dr. Priti Lamba



# MERGING RESTORATIVE AND PREVENTIVE DENTISTRY

ACTIVA Presto helps transition dentistry from a passive repair model intended to do no harm to an active approach using dynamic restorative materials. Pulpdent's bioactive materials support remineralization and help protect against microleakage, sensitivity, secondary caries, and restoration failure.



## Conservative dentistry – Preserves tooth structure

Using Activa Presto in this case, I was able to preserve tooth structure and avoid a crown. The stackable, low-flow viscosity was perfect for building up the walls and cusps in this large class II. The combination of bio-mineralization, esthetics, and strength, together with the forgiving nature of the rubberized resin, provide a direct, economical, one-visit solution.

– Dr. Delfín Barquero



Class II restoration using ACTIVA Presto A2 shade delivers durable, wear-resistant results and is indicated for load-bearing applications.

## High risk patients – Low plaque retention

Restoring the anterior teeth of this high caries risk patient would require esthetics along with the benefits of essential minerals to combat recurrent decay. Activa Presto is unique because it provides both, and it also displays exceptional soft tissue compatibility. At the one-month follow-up visit, disclosing solution shows minimal plaque retention. This is unusual for dental composites. Note the excellent tissue health.

– Dr. Stefano Daniele



ACTIVA Presto A1 and A2 shades provide minerals and esthetics. At one-month follow-up, disclosing solution shows minimal plaque. Note excellent tissue health.

## Ideal for geriatric dentistry and cervical restorations

Activa Presto is my choice for geriatric cases and cervical restorations. Moisture-friendly properties overcome isolation issues, rubberized resin flexes with the tooth in cervical areas, and biomineralization discourages secondary caries. The A4 and A6 shades provide natural esthetics and are very useful for older patients.

– Dr. Lou Graham



Multi-surface cervical restoration with ACTIVA Presto A35 shade on the mesial and A6 shade on the buccal provides shade matching and blending.

# DYNAMIC, BIOACTIVE MATERIALS

ACTIVA Presto demonstrates a continuous release and recharge of calcium, phosphate, and fluoride, which are naturally occurring ions in the saliva and supplemented by dietary sources. This ionic exchange is only possible with moisture-friendly bioactive materials.

## Cosmetic dentistry – Smile zone esthetics

Our patients expect an esthetic result in the smile zone, and Activa Presto delivered in this case. The cosmetic repair looks totally natural and blends perfectly with the dentition. The low-flow viscosity of the material made for easy placement and contouring, and the mineralization potential should seal the margins against staining.

– Dr. Ray Kimsey



This anterior tooth is beautifully restored with ACTIVA Presto. Shades can be overlapped, swirled together, and blended for a natural esthetic.



## Access for a conservative restoration – Minimally invasive

Activa Presto's stackable, shapeable viscosity and precise placement capability are ideal for conservative dentistry and facilitate access to this interproximal area. Packable composites would require removal of additional healthy tooth structure to gain access, and flowable composites would flow out of this area. The added fracture resistance of ACTIVA Presto is beneficial for this patient.

– Dr. Robert Ho

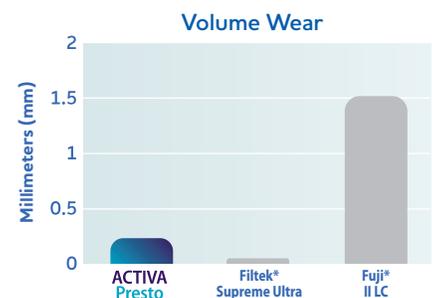
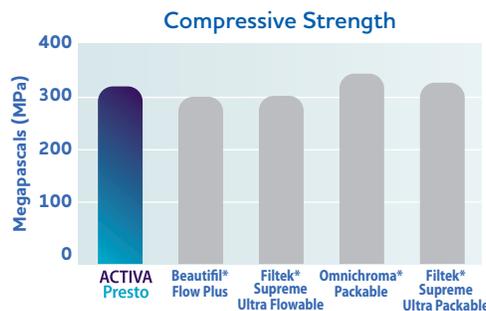
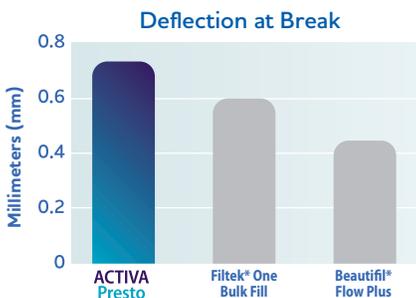


Syringe delivery of ACTIVA Presto A3 provides access and preserves healthy enamel when replacing this composite that fractured along the distal marginal ridge.

## PHYSICAL PROPERTIES

Light cure setting time: **20 sec.**  
 % filler by weight: **70%**

Diametral tensile strength: **52 MPa**  
 Radiopacity: **2.5 AL (250%)**



\* Not trademarks of Pulpdent Corporation

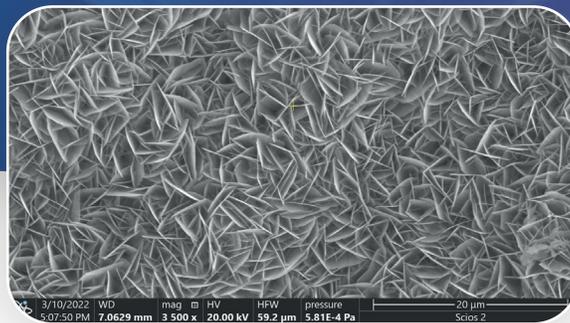
# ACTIVA Presto™

Universal Stackable Composite | Light Cure | Bioactive



POWERED BY  **CRYSTA™**  
MCP TECHNOLOGY  
U.S. PATENT NO 11,116,701 B2

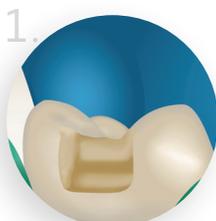
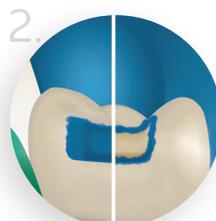
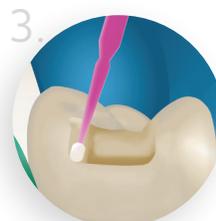
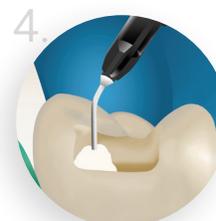
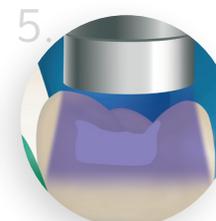
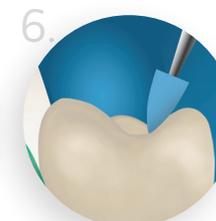
ACTIVA Presto universal composite is powered by Pulpdent's newly patented Crysta MCP technology. Crysta is the trade name for a powerful methacrylate-functionalized calcium phosphate (MCP) molecule that can be added to composites to spark mineralization of damaged tooth structure.



SEM image at 3,500x of ACTIVA Presto, powered by Crysta, after 30 days in phosphate buffered saline with calcium and magnesium. The material shows mineralization and the formation of well-developed, plate-like apatite crystals.

*Image courtesy of Dr. Salvatore Sauro, Professor at Universidad CEU-Cardenal Herrera in Valencia, Spain*

## CHAIRSIDE GUIDE

-  Prepare cavity  
Bevel enamel margins
-  Total or selective etch
-  Apply bonding agent per instructions
-  Place Presto in 2 mm increments
-  Light cure after each layer
-  Finish and polish

See a full procedure at  
[pulpdent.com/activa-presto](http://pulpdent.com/activa-presto)



 **VPF1\*** 2 x 1.2mL / 2.2g syringes (4.4g) + 20 applicator tips  
\*Specify shade: A1, A2, A3, A35, A4, A6, B1, BW (Bleach White)

 **19K20** Applicator tips, 19 ga x 1/2" pre-bent, pkg. 20  
**19K100** Applicator tips, 19 ga x 1/2" pre-bent, pkg. 100