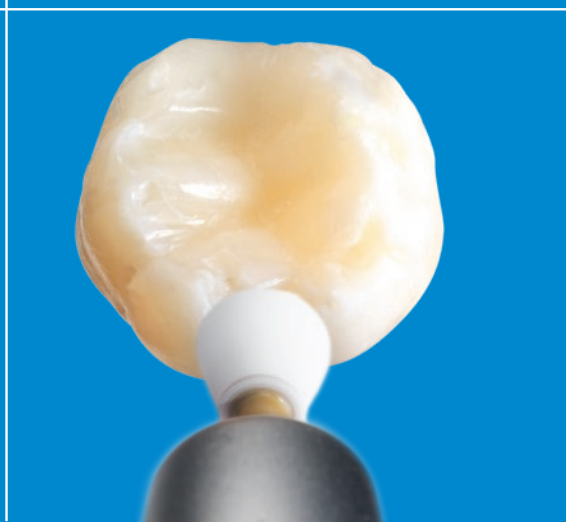
PROTECT THE FLOOR OF THE PROXIMAL BOX

ACHIEVE A TIGHT MARGINAL SEAL

ACHIEVE EFFICIENT ESTHETICS



Class II Solution™

The filling concept designed for efficient and reliable results

From matrix system to bulk fill flowable to universal composite, Dentsply Sirona Restorative provides the only complete solution with unmatched adaptation at each critical step of a Class II restoration.

Dentsply Sirona

All of our products are designed with one person in mind. You. Used together, you'll discover a simpler, more efficient and predictable procedure.

Start your Class II procedure with the system that helps give you the best clinical success possible – such as our Palodent® V3 Sectional Matrix System for most restorations, or our Palodent® 360 Circumferential Matrix System for cases when a sectional can't be used.

Palodent®
Matrix Systems

Palodent® V3
Sectional Matrix System

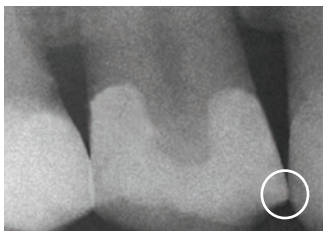
OR

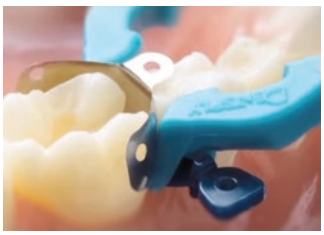
Palodent® 360
Circumferential Matrix System

THE CHALLENGE

CREATE TIGHT CONTACTS AND NATURAL CONTOURS

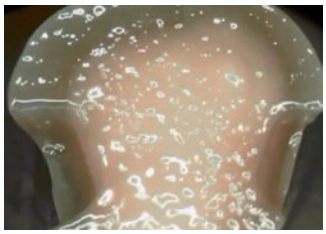
70% of clinicians find contact creation to be the most challenging part of a Class II restoration.[1]





CREATE A STRONG BOND

97% of GDPs state that too dry or too wet dentin sometimes affects the adhesive bond of their composite restorations.[3]



THE SOLUTION

Palodent® V3
Sectional Matrix System

Clinical success starts with a solid foundation.

When using resin-based restoratives, accurate contact creation is essential for your procedure. An improperly placed or shaped proximal contact can result in a fracture or food impaction which can lead to periodontal inflammation, bone loss, and recurrent caries.[2] Choose a matrix system that helps you create a tight seal around the restorative field, predictable contacts, and natural contours – adding to your clinical success.

Our Palodent® V3 Sectional Matrix System is specifically designed for most Class II restorations – and our Palodent® 360 Circumferential Matrix System is ideal for larger Class II restorations, when there's no adjacent tooth, or when teeth are misaligned or missing a cusp.

Prime&Bond universal™
Universal Adhesive

Proceed with strength and confidence.

Most adhesives cannot achieve a uniform coverage of the tooth structure when the dentin is too dry or too wet, resulting in insufficient sealing of the tooth structure, a decrease of adhesive performance, marginal discoloration and recurrent decay.

Prime&Bond universal™ performs in overly wet or overly dry preparations to deliver a uniform adhesive layer and create a tight dentin seal. Prime&Bond universal™ performs reliably with virtually no post-operative sensitivity and can be used in all etching methods and for all direct and indirect restorations.

[1] DentalTown (2012). Restorative Dentistry. Monthly Poll: What is the most challenging part of a Class II Restoration.
[2] Rosenburg, Jeffrey M (2013). Dentistry Today. Making Contact: A Method for Restoring Adjacent Posterior Direct Resin.
[3] Exevia Dental Shuttle Q1/2015, n=702 GDPs from Italy, France and Germany.

Prime&Bond universal™
Universal Adhesive

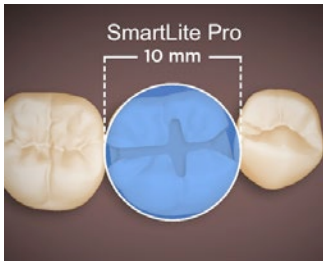
SmartLite® Pro
Modular LED Curing Light

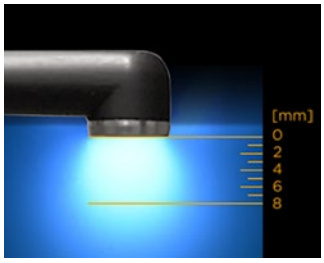
SDR® Plus
Bulk Fill Flowable

THE CHALLENGE

CURE RELIABLY TO FULL DEPTH AND WIDTH

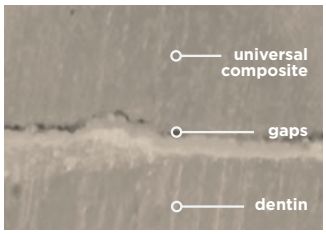
Many curing lights deliver less than 35% of their stated output to the floor of a Class II proximal box.[4]





MAINTAIN MARGINAL INTEGRITY

82% of dentists report using a flowable as a liner in Class II restorations to increase marginal adaptation.[6]



THE SOLUTION

SmartLite® Pro
Modular LED Curing Light

Light up clinical performance.

The average depth of a Class II is 6mm.[5] Add cuspal inclines, and the curing light tip is easily 8mm from the floor of the proximal box. Large restorations can also be wider than the beam profile of an ordinary curing light. For a reliable restoration, it's essential to cure materials to full depth and width.

State-of-the-art optics, excellent beam collimation and a 10mm active curing area ensure reliable clinical outcomes for any restoration size. And the modular, quick-change tips support diagnosis, endodontic illumination and more.

SDR® Plus
Bulk Fill Flowable

Adapt to the challenge.

If a restorative material doesn't take the form of the cavity prep, gaps may occur. This may lead to post-op sensitivity, microleakage or recurrent decay.

SDR® Plus material, the leader in the bulk fill flowable category, can be placed up to 4mm, and has self-leveling properties for excellent cavity adaptation, which is essential for delivering a complete seal at the most vulnerable interface.

[4] Irradiance Value Comparison among commercially available curing lights. BlueLight Analytics. (2012).
[5] Volchansky A, Cleaton-Jones P. Clinical crown height (length)–a review of published measurements. J Clin Periodontol 2001;28(12):1085-90.
[6] Council on Scientific Affairs of the American Dental Association. Spring 2009;4(2).

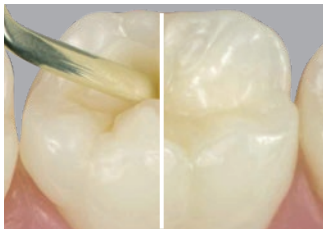
Neo Spectra™ ST
Universal Composite Restorative

Enhance®
Finishing System

THE CHALLENGE

SIMPLIFY WITH WHAT MATTERS MOST

80%+ of patients are reportedly aware of color differences between restored and adjacent natural teeth.[7]



FINISH IN ONE STEP

More than 70% of dentists say that simplicity is one of the most important factors for a finishing and polishing system.[8]

Excess Removal and Contouring

Finishing

THE SOLUTION

Neo Spectra™ ST
Universal Composite Restorative

Exceptional esthetics, made even easier to create.

A composite material with an excellent chameleon effect helps the dentist more accurately match tooth shade, addressing variables such as extrinsic staining, lighting and shade availability.

Neo Spectra™ ST composite, made with SphereTEC® filler technology, has an enhanced chameleon blending ability for simplified shade matching. It is also easy to handle, enables faster finishing and polishes to an excellent, stain resistant luster.

Enhance®
Finishing System

Fewer Steps. Less Time. Impressive Results.

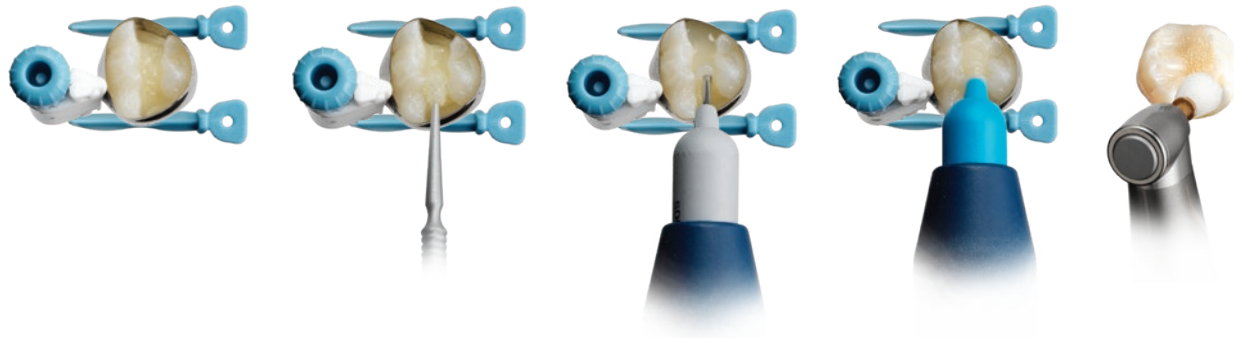
The end of your restoration should be smooth. Surface irregularities left after finishing and polishing can lead to staining, plaque accumulation, gingival irritation and recurrent caries. Also, look and feel can affect patient satisfaction, which is the biggest influencer of returning and referral patients.

The Enhance® Finishing System accomplishes the entire process of excess removal, contouring, and finishing simply by varying the pressure. Push harder to remove excess composite, ease it off for final results. In just one step the Enhance® Finishing System delivers a smooth, contoured surface with a natural looking finish. It is also available in mini sizes for improved access and versatility on smaller restorative surfaces.

[7] Joiner, 2004.
[8] Exevia: Dental Shuttle Q4, 2016, Germany.

Deliver patient confidence and efficient clinical outcomes with the single-patient use products of the Class II Solution.™

Discover how a simpler, more predictable Class II procedure can also offer a higher level of safety with products featuring disposable, single-use designs.



Palodent® 360
Circumferential Matrix System

Prime&Bond universal™
Universal Adhesive

SDR® Plus
Bulk Fill Flowable

Neo Spectra® ST
Universal Composite Restorative

Enhance®
Finishing System

Palodent® 360
Circumferential Matrix System

Single Use
Featuring the industry's only single-use design with no applicator or retainer required.

- Pre-contoured bands for natural contours and tight contacts
- Available in three sizes and compatible with Palodent® V3 sectional matrix system
- Compatible with autoclaveable Palodent® V3 ring

Wedges

Single Use
Compresses on entry and flares upon exit for easy placement and seal.

Prime&Bond universal™
Universal Adhesive

The universal adhesive featuring the patented Active-Guard™ Technology can be stored in the CliXdish for 30 minutes. So, the bottle does not have to be near the patient.

SDR® Plus
Bulk Fill Flowable

Single Use
Unsurpassed performance from the most-researched bulk fill flowable that also provides simple, safe placement from its single-use compula tip.

Neo Spectra® ST
Universal Composite Restorative

Single Use
Using our simplified CLOUD shade matching system, this durable, stain-resistant composite provides efficient esthetics with excellent adaptation and sculptability, without sticking to instruments.

Enhance®
Finishing System

Single Use
Simple and effective excess removal, contouring and finishing. Also available in Enhance® mini for improved access and versatility in miniature shape.

Dentsply Sirona

We are here for you. For more information, contact your Dentsply Sirona Representative. For additional post-COVID-19 resources and support, visit www.dentsplysirona.com/hereforyou

Order information Class II Solution™

Palodent® V3

Introductory Kit **659700v**
100 Matrices – 25 each size: 3.5 mm, 4.5 mm, 5.5 mm, 6.5 mm
75 Wedges – 25 each size: Small, Medium, Large
30 WedgeGuards – 10 each size: Small, Medium, Large
1 Universal Ring; 1 Narrow Ring; 1 Forceps; 1 Pin Tweezers
1 Illustrated Technique Guide (ITG)

Starter Kit **62500005**
20 Matrices – 15 x 5.5 mm, 5 x 4.5 mm
15 Wedges – 5 each size: Small, Medium, Large
5 WedgeGuards Medium, 2 Universal Rings, 1 Forceps,
1 Special Pin Tweezers, 1 ITG

Palodent® 360

Circumferential Matrix System

Matrix Refill 4.5 mm (48)	**659601**
Matrix Refill 5.5 mm (48)	**659602**
Matrix Refill 6.5 mm (48)	**659603**

Prime&Bond universal™ Universal Adhesive Bottle

Standard Refill **60667350**
1 Bottle à 4 ml, 1 Instructions for Use (IFU), 1 ITG

Mini Refill **60667351**
1 Bottle à 2.5 ml, 1 IFU, 1 ITG

SmartLite® Pro Modular LED Curing Light

Introductory Kit **644400**
1 Handpiece, 1 Cure Tip, 1 Transillumination Tip,
2 Batteries, 1 Charging Base, Accessories

Basic Kit **644409**
1 Handpiece, 1 Cure Tip, 2 Batteries,
1 Charging Base

SDR® Plus Bulk Fill Flowable

Compula® Tips Intro Kit **60603047**
45 Compula® Tips à 0.25 g, Universal Shade,
2.5 ml Prime&Bond universal™, 1 CliXdish, 1 ITG,
1 Compules® Tips Gun

Compula® Tips Refill
15 Compula® Tips à 0.25g

Universal Shade	**61C101P**
A1 Shade	**61C106P**
A2 Shade	**61C107P**
A3 Shade	**61C108P**

Compula® Tips Eco Refill
50 Compula® Tips à 0.25g

Universal Shade	**61C103P**

Neo Spectra™ ST Universal Composite Restorative

Compules® Tips Intro Kit (High Viscosity) **60701970**
24 HV Compules® Tips (Gray) à 0.25 g
(4 x A1; 4 x A2; 8 x A3; 4 x A3.5; 4 x A4)
1 Compules® Tips Gun,
2.5 ml Prime&Bond universal™, Accessories

Syringe Intro Kit (HV) **607019805**
5 HV Syringes (Gray) Assorted à 3 g (A1; A2; A3; A3.5; A4)
2.5 ml Prime&Bond universal™, Accessories

Syringe Eco Kit (HV) **607019906**
6 HV Syringes (Gray) Assorted à 3 g (3 x A2; 3 x A3)
2.5 ml Prime&Bond universal™, Accessories

Refills (HV)		**Compules® Tips**	**Syringe**
Shades	(= VITA®[1] shades)	16 x 0.25 g	1 x 3 g
A1	(A1; B1; C1)	**60701971**	**60701981**
A2	(A2; B2; D2)	**60701972**	**60701982**
A3	(A3; C2; D3; D4)	**60701973**	**60701983**
A3.5	(A3.5; B3; B4; C3)	**60701975**	**60701985**
A4	(A4; C4)	**60701974**	**60701984**
BW (Bleach White)		**60701976**	

Compules® Tips Intro Kit (Low Viscosity) **60701870**
24 LV Compules® Tips (Blue) à 0.25 g
(4 x A1; 4 x A2; 8 x A3; 4 x A3.5; 4 x A4)
1 Compules® Tips Gun,
2.5 ml Prime&Bond universal™, Accessories

Syringe Intro Kit (LV) **607018805**
5 LV Syringes (Blue) Assorted à 3 g (A1; A2; A3; A3.5; A4)
2.5 ml Prime&Bond universal™, Accessories

Syringe Eco Kit (LV) **607018906**
6 LV Syringes (Blue) Assorted à 3 g (3 x A2; 3 x A3)
2.5 ml Prime&Bond universal™, Accessories

Refills (LV)		**Compules® Tips**	**Syringe**
Shades	(= VITA®[1] shades)	16 x 0.25 g	1 x 3 g
A1	(A1; B1; C1)	**60701871**	**60701881**
A2	(A2; B2; D2)	**60701872**	**60701882**
A3	(A3; C2; D3; D4)	**60701873**	**60701883**
A3.5	(A3.5; B3; B4; C3)	**60701875**	**60701885**
A4	(A4; C4)	**60701874**	**60701884**
BW (Bleach White)		**60701876**	

Enhance®

Finishing System Refills

40 Finishing Discs	**624045**
40 Finishing Cups	**624055**
40 Finishing Points	**624065**

[1] Not a registered trademark of Dentsply Sirona, Inc.

For more information visit www.dentsplysirona.com.

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