



# Class II Solution™

The filling concept designed for efficient and reliable results

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Palodent® V3  
Sectional Matrix System

2

Prime&Bond universal™  
Universal Adhesive

3

SDR® Plus  
Bulk Fill Flowable

4

ceram.x® SphereTEC™ one  
Universal Nano-Ceramic Restorative



Dentists face a variety of challenges in every step of a Class II restoration procedure. 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.

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## THE CHALLENGE:

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### NATURAL SHAPE

70% of clinicians find contact creation to be the most challenging part of a Class II restoration.<sup>1</sup>



An open, or improperly placed or shaped interproximal contact can result in:

- Food impaction
- Periodontal inflammation
- Recurrent caries

### RELIABLE BOND

Research shows that on average, 10-15% of posterior composite restorations result in post-operative sensitivity.<sup>2</sup>



Defects in the adhesive layer (“dry spots”) can result in:

- Adhesive failure
- Microleakage
- Post-operative sensitivity

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## THE SOLUTION:

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### Palodent® V3 Sectional Matrix System

Adapts to the natural shape of the tooth and provides anatomical correct contacts.



- Tight gingival seal
- Less flash, less finishing
- Easy-To-Use system

### Prime&Bond universal™ Universal Adhesive

Performs in overly wet or overly dry preparations to deliver a uniform adhesive layer and create a tight dentin seal.

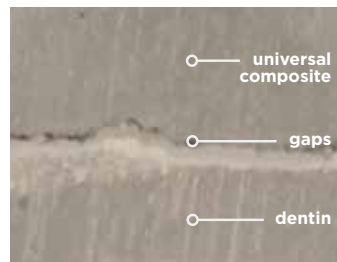


- Reliable bonding
- Virtually no post-operative sensitivity
- Can be used in all etching methods and for all direct and indirect restorations

## THE CHALLENGE:

### ADAPTATION

82% of dentists report using a flowable as a liner in Class II restorations to increase marginal adaptation.<sup>3</sup>



If the restorative material is unable to take on the shape of the cavity preparation, unfilled areas or voids can occur, which may result in:

- Post-operative sensitivity
- Discoloration
- Recurrent caries

### EFFICIENT OCCLUSAL ANATOMY

74% of dentists complain about handling properties of composites such as adaptability and stickiness.<sup>4</sup>



If the composite sticks to the hand instrument, it can be detached from the cavity floor. Possible consequences are:

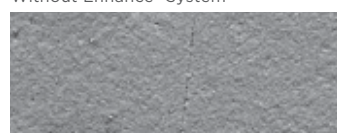
- Additional handling effort
- Prolonged placement and sculpting
- Void between tooth and filling
- Poor aesthetic outcomes

### FINER FINISH

The longevity of a Class II Restoration can be enhanced with a proper finishing technique.<sup>5</sup>

Surface irregularities and roughness can result in:

- plaque retention
- gingiva irritation
- compromised aesthetics
- unsatisfied patients



## THE SOLUTION:

### SDR® Plus Bulk Fill Flowable

Adapts to the cavity floor and the matrix band and provides excellent self-leveling.



- Simple, fast and efficient placement
- Self-leveling for excellent cavity adaptation
- Up to 60% less shrinkage stress
- Universal, A1, A2, and A3 shades offer versatility and more indications including Class III and Class V restorations
- Clinical 5-year and 6-year data proves no post-operative sensitivities, no recurrent caries

### ceram.x® SphereTEC™ one Universal Nano-Ceramic Restorative

Adapts to the cavity walls and the SDR® Plus layer beneath it and creates natural aesthetics.



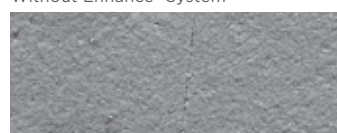
- Easy to adapt to cavity walls – does not stick to the hand instrument
- Exceptional handling: easy to sculpt and slump resistant
- Fast and easy polishing for outstanding gloss

### Enhance® Finishing System

The two-step technique allows an excellent adaptation on every tooth surface due to the innovative lamella shape.

Surface irregularities and roughness can result in:

- plaque retention
- gingiva irritation
- compromised aesthetics
- unsatisfied patients



- Single component/single step finisher
- Pressure controlled: achieves intermediate and final finishing in a single step
- Provides a smoother surface to ensure lasting beauty and quality of the class II restoration



<sup>3</sup> Council on Scientific Affairs of the American Dental Association. Spring 2009;4(2).

<sup>4</sup> Dentsply Sirona Restorative, user survey 2015 (297 dentists in Europe)

<sup>5</sup> Christensen, G J. (2014). Simplifying your Class II Composite Finishing Technique. Clinicians Report, Colume 7 Issue 4.

# Order information Class II Solution

**Palodent® V3 Introductory Kit** 659700v



Palodent® V3 Introductory Kit

**Prime&Bond universal™ Mini Refill** 606.67.351

1 x 2.5 ml Bottle, IFU+ITG

**Prime&Bond universal™ Standard Refill** 606.67.350

1 x 4 ml Bottle, IFU+ITG



Prime&Bond universal™ Mini Refill



Prime&Bond universal™ Refill

**SDR® Plus Intro Kit with Prime&Bond universal™** 606.03.047

45 x Compula® Tips (0.25g each) Universal Shade  
1 x Prime&Bond universal™ 2.5ml Refill

**SDR® Plus Compula Tips Refill**

15 x Compula® Tips (0.25g each) Universal Shade 61c101P

15 x Compula® Tips (0.25g each) A1 Shade 61c106P

15 x Compula® Tips (0.25g each) A2 Shade 61c107P

15 x Compula® Tips (0.25g each) A3 Shade 61c108P

**SDR® Plus Compula Tips Eco Refill**

50 x Compula® Tips (0.25g each) Universal Shade 61c103P

**SDR® Plus Syringe Refill**

2 x Syringes (1g each) Universal Shade 61c130P

**SDR® Plus Syringe Eco Refill**

10 x Syringes (1g each) Universal Shade 606.03.045



SDR® Plus Compula® Tips Refill - A2



SDR® Plus Syringe Eco Refill - Universal

**ceram.x® SphereTEC™ one**

**Compules® Tips Intro Kit** 607.01.630

24 xCompules® Tips (0.25g each)

**Compules® Tips Refill**

Shades 12 Compules® Tips 0.25g/Refill

A1 (= VITA®<sup>1</sup> shades A1; B1; C1) 607.01.631

A2 (= VITA®<sup>1</sup> shades A2; B2; D2) 607.01.632

A3 (= VITA®<sup>1</sup> shades A3; C2; D3; D4) 607.01.633

A3.5 (= VITA®<sup>1</sup> shades A3.5; B3; B4; C3) 607.01.635

A4 (= VITA®<sup>1</sup> shades A4; C4) 607.01.634

BW (bleach white) 607.01.636



ceram.x® SphereTEC one  
Compules® Tips Intro Kit



ceram.x® SphereTEC one  
Syringe Intro Kit

**Syringe Intro Kit** 607.01.620

5 Syringes (3g each)

**Syringes Refill**

Shades 1 Syringe 3g/Refill

A1 (= VITA®<sup>1</sup> shades A1; B1; C1) 607.01.621

A2 (= VITA®<sup>1</sup> shades A2; B2; D2) 607.01.622

A3 (= VITA®<sup>1</sup> shades A3; C2; D3; D4) 607.01.623

A3.5 (= VITA®<sup>1</sup> shades A3.5; B3; B4; C3) 607.01.625

A4 (= VITA®<sup>1</sup> shades A4; C4) 607.01.624



Enhance® System Kit



Enhance® Refill

**Enhance® System Kit** 624075

**Enhance® Refill**

Cups 624055X

Points 624065X

Discs 624045X

<sup>1</sup> Not a registered trademark of Dentsply Sirona, Inc.