

# 3M™ Paradigm™ MZ100 Block for CEREC®

# Products That Meet Your Indirect Restorative Needs

# 3M™ Paradigm™ MZ100 Block for CEREC®



## Ordering Information

### 3M™ Paradigm™ MZ100 Block for CEREC®

Item Number	Description
<b>2700TK</b>	<b>Paradigm MZ100 Block for CEREC Trial Kit</b> <i>Kit includes:</i> 4 - Paradigm MZ100 blocks for CEREC 1 - 3415TK 3M™ RelyX™ ARC Adhesive Resin Cement Trial Kit 1 - Shade guide 1 - 3M™ Sof-Lex™ Disc trial pack <i>RelyX cement trial kit includes:</i> 1 - 2g Paste Shade Universal (3515A3) 1 - 3ml 3M™ Single Bond Adhesive 1 - 5ml 3M™ RelyX™ Ceramic Primer
Item Number	Description
2710A1	8 - size 10 blocks in A1 shade
2710A2	8 - size 10 blocks in A2 shade
2710A3	8 - size 10 blocks in A3 shade
2710A3.5	8 - size 10 blocks in A3.5 shade
2710B3	8 - size 10 blocks in B3 shade
2710E	8 - size 10 blocks in enamel shade
2714A1	8 - size 14 blocks in A1 shade
2714A2	8 - size 14 blocks in A2 shade
2714A3	8 - size 14 blocks in A3 shade
2714A3.5	8 - size 14 blocks in A3.5 shade
2714B3	8 - size 14 blocks in B3 shade
2714E	8 - size 14 blocks in enamel shade

3M offers a full line of products to help complete your indirect restorative procedures. Seating indirect restorations is simpler when bonded with 3M™ RelyX™ ARC Adhesive Resin Cement. Strong and easy to work with, this unique paste-paste resin cement offers easy mixing, loading, seating and clean up. Plus, the 3M™ Clicker™ Dispenser delivers resin cement in precise dosages with less waste.

For excellent results and esthetics, try the 3M™ Sof-Lex™ Finishing and Polishing System. This easy-to-use, color-coded system simplifies finishing and polishing procedures.

3M™ Single Bond Dental Adhesive is included in the RelyX ARC adhesive resin cement trial kit to help complete the cement system.

### 3M™ RelyX™ ARC Adhesive Resin Cement

RelyX ARC adhesive resin cement bonds indirect restorations securely, yet the excess comes off quickly and cleanly without scraping or grinding.

Item Number	Description
<b>3415</b>	<b>RelyX ARC Adhesive Resin Cement Kit</b> <i>Kit includes:</i> 1 - 4.5g Paste Shade Universal (3515A3) in 3M™ Clicker™ Dispenser 1 - 4.5g Paste Shade Transparent (3515A1) in Clicker Dispenser 1 - 6ml 3M Single Bond Dental Adhesive 1 - 5ml 3M™ RelyX™ Ceramic Primer 2 - 3ml Phosphoric Acid Etchant Syringes Etchant Tips, Brush Tips/Handles, Fiber Tips, Disposable Mix Wells, Bendable Brushes, Mix Pads, Mixing Sticks, Mini-Sponges, Illustrated Technique Guides

### 3M™ Sof-Lex™ Finishing and Polishing System

The Sof-Lex finishing and polishing system is easy to use and allows you to create high-luster restorations that offer lifelike esthetics.

Item Number	Description
<b>2385P</b>	<b>Sof-Lex Finishing and Polishing System Kit</b> <i>Kit includes:</i> 240 - 3M™ Sof-Lex™ Pop-On Discs 240 - 3M™ Sof-Lex™ XT Pop-On Discs 45 - 3M™ Sof-Lex™ Finishing and Polishing Strips 1 - RA Mandrel



solutions for computer assisted dentistry

3M Technical Hotline: 1-800-634-2249

3M Dental Products Web Site: [www.3M.com/dental](http://www.3M.com/dental)

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#### Dental Products

3M Center  
Building 275-2SE-03  
St. Paul, MN 55144-1000  
USA

#### Dental Products 3M Canada Inc.

Post Office Box 5757  
London, Ontario N6A 4T1  
Canada  
1 800 265-1840 ext. 6229



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**3M** Reliability



# 3M™ Paradigm™ MZ100 Block for CEREC®

Made from 3M™ Z100™ Restorative, a material proven time and again for its strength and beauty.



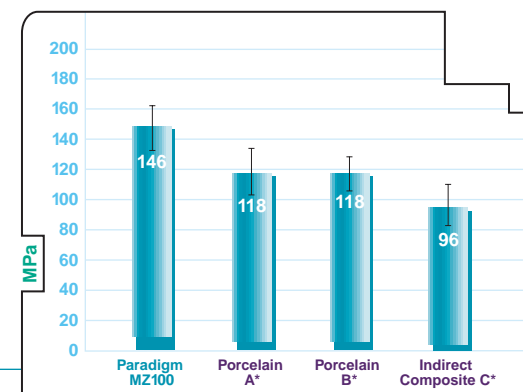
Now there's an alternative to porcelain blocks for milling CAD/CAM indirect restorations: the 3M™ Paradigm™ MZ100 Block for CEREC®. Designed for in-office and chairside CAD/CAM milling procedures using the CEREC method, the Paradigm MZ100 block for CEREC is made from 3M™ Z100™ Restorative, known for its strength, excellent wear, high polishability and lifelike esthetics.

The Paradigm MZ100 block for CEREC material is specially processed to enhance its properties for use in CAD/CAM milling procedures. The result is a composite mill block with superb milling characteristics.

## Exceptional Strength

The Paradigm MZ100 block for CEREC provides exceptional strength and excellent fracture toughness for outstanding clinical performance and resistance to fracture.

### FLEXURAL STRENGTH



The 3M™ Paradigm™ MZ100 Block for CEREC® offers higher flexural strength than that of porcelain blocks available today (A & B) or indirect composite (C).

## Excellent Wear

The Paradigm MZ100 block for CEREC is created from Z100 restorative material, a universal composite material with excellent wear resistance. Due to its thorough cure, the performance of Paradigm MZ100 block for CEREC is expected to be equal to or better than Z100 restorative material. **The wear rate of Paradigm MZ100 block for CEREC is similar to that of natural enamel.**

### Four-year clinical study at the Catholic University of Leuven

• Measuring occlusal contact wear, the wear rate of Z100 restorative material in occlusal contact areas was found to be comparable to the occlusal contact wear for enamel on enamel.<sup>1</sup>

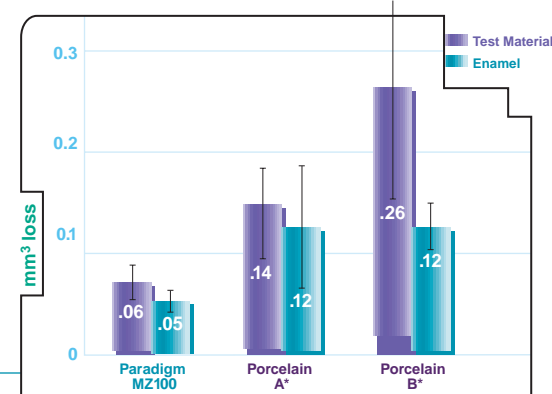
### Seven-year clinical evaluation of 3M™ Z100™ Restorative by THE DENTAL ADVISOR<sup>2</sup>

• Rated 82% or more of restorations in posterior teeth as “very good” to “excellent” for resistance to fracture or chipping, marginal integrity, wear resistance, shade match and esthetics.

### Two-body wear study at the University of Minnesota

• Found Paradigm MZ100 block for CEREC exhibited less wear than porcelain blocks.

### TWO-BODY WEAR AT U-MN/MDRCBB



The 3M™ Paradigm™ MZ100 Block for CEREC® exhibited less wear than porcelain blocks (A & B) in a two-body wear study.

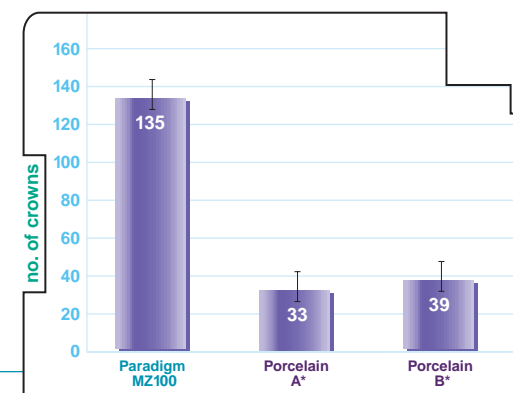
<sup>1</sup>Clinical Update, 3M™ Z100™ Restorative. Four-year Quantitative Wear, November 1997.  
<sup>2</sup>THE DENTAL ADVISOR, May, 2000. Vol. 17, No. 4.

## Economical

Unlike porcelain mill blocks that require five or more block sizes, with the Paradigm MZ100 block for CEREC you need only two sizes—10 and 14—to make all indicated restorations. Fewer sizes simplify your purchases and reduce inventory.

Plus, the tooling lasts much longer when used with the Paradigm MZ100 block for CEREC than with a porcelain block, resulting in fewer tool changes and reduced tooling costs.

### NUMBER OF CROWNS MILLED ON ONE TOOL



At a retail cost of \$60.00 U.S. for a diamond wheel, the per-unit cost is much lower for the 3M™ Paradigm™ MZ100 Block for CEREC® than for porcelain mill blocks (A & B). Information is based on exclusive use of blocks of each type.

\* Porcelain A and Porcelain B are commercially available mill blocks. Indirect Composite C is a commercially available lab composite.

## Eye-Catching Esthetics

Paradigm MZ100 block for CEREC offers excellent lifelike esthetics and high polishability for improved patient satisfaction.

The chameleon effect of Z100 restorative addresses the opacities of both dentin and enamel, which minimizes shade-matching guesswork and allows excellent blending with natural tooth color.

Plus, Paradigm MZ100 block for CEREC is available in a number of shades to better meet individual patient requirements. Its enamel shade is more translucent than the lightest shade of available porcelain blocks, which means greater esthetic potential.



3M™ Paradigm™ MZ100 Block for CEREC® is available in a variety of shades including an enamel shade for greater patient satisfaction.

The Paradigm MZ100 block for CEREC is indicated for use in milling the following indirect restorations:

- Inlays/Onlays
- Full crown restorations (anterior and posterior)
- Veneer restorations

Photos courtesy of Dr. Joe Varno, Edina, MN.



## Easy to Use

The Paradigm MZ100 block for CEREC is easier to use than porcelain mill blocks because it requires fewer steps which saves time. With the Paradigm MZ100 block for CEREC, there's no need to glaze or fire the block, so there's no need for a porcelain furnace. And no hydrofluoric acid etch is required.