

# IVOCLAR VIVADENT ALL-CERAMICS

## PREPARING FOR CEMENTATION – GLASS-CERAMICS

|  | IPS Empress  | IPS e.max   |  |                                  |   |   |                                  |                                     |   |
|--|--|---|--|----------------------------------|---|---|----------------------------------|-------------------------------------|---|
|  | IPS Empress Esthetic<br>IPS Empress CAD                      | IPS e.max Press   |  |                                  |   | IPS e.max CAD                           |                                  |                                     | IPS e.max Ceram /<br>IPS e.max ZirPress |
| <b>Material</b>                        | Leucite glass-ceramic  | Lithium disilicate glass-ceramic  |  |                                  |   | Lithium disilicate glass-ceramic        |                                  |                                     | Nano-fluorapatite-<br>glass-ceramics    |
| <b>Indication</b>                      | Veneers, inlays,<br>onlays, anterior and<br>posterior crowns | Thin Veneers,<br>veneers,<br>Table Tops,<br>inlays, onlays,<br>partial crowns | Anterior and posterior crowns,<br>3-unit bridges up to<br>the 2 <sup>nd</sup> premolar |                                  | Veneers,<br>inlays, onlays,<br>partial crowns                 | Anterior and posterior crowns           |                                  | Veneers                             |   |
| <b>Cementation method</b>              | adhesive   | adhesive  | adhesive   | self-adhesive* /<br>conventional | adhesive  | adhesive                                | self-adhesive* /<br>conventional | adhesive                            |   |
| <b>Blasting</b>                        | —  | —   |  |                                  |   | —                                       |                                  |                                     | —                                       |
| <b>Etching</b>                         | 60 sec with<br>IPS Ceramic Etching Gel                       | 20 sec with IPS Ceramic Etching Gel   |  |                                  |   | 20 sec with IPS Ceramic Etching Gel     |                                  |                                     | 20 sec with<br>IPS Ceramic Etching Gel  |
| <b>Conditioning /<br/>Silanization</b> | 60 sec with<br>Monobond-S                                    | 60 sec with<br>Monobond-S   | 60 sec with<br>Monobond-S  | — 1)                             | 60 sec with<br>Monobond-S                                     | 60 sec with<br>Monobond-S               | — 1)                             | 60 sec with<br>Monobond-S           |   |
| <b>Cementation system</b>              | Variolink® Veneer,<br>Variolink® II,<br>Multilink® Automix   | Variolink® Veneer,<br>Variolink® II,<br>Multilink®<br>Automix                 | Variolink® II,<br>Multilink®<br>Automix  | Vivaglass® CEM                   | Variolink® Veneer,<br>Variolink® II,<br>Multilink®<br>Automix | Variolink® II,<br>Multilink®<br>Automix | Vivaglass® CEM                   | Variolink® Veneer,<br>Variolink® II |   |

1) For self-adhesive cementation, silanization is necessary.

\* self-adhesive powder-liquid systems



Please read the corresponding Instructions for Use

# IVOCLAR VIVADENT ALL-CERAMICS

## PREPARING FOR CEMENTATION – ZIRCONIUM OXIDE CERAMICS

|                             | IPS e.max  |                               |                                     |  |                               |  |
|-----------------------------|--|-------------------------------|-------------------------------------|--|-------------------------------|--|
| Material                    | IPS e.max ZirCAD / IPS e.max ZirPress                      |                               |                                     | IPS e.max ZirCAD / IPS e.max Ceram                         |                               |  |
|                             | Zirconium oxide / Nano-fluorapatite glass-ceramic          |                               |                                     | Zirconium oxide / Nano-fluorapatite glass-ceramic          |                               |  |
| Indication                  | Crowns and bridges w./w.o. pressed shoulder                |                               | Inlay-retained bridges              | Crowns and bridges   |                               |  |
| Cementation method          | adhesive   | self-adhesive* / conventional | adhesive                            | adhesive   | self-adhesive* / conventional |  |
| Blasting                    | Cleaning with Al <sub>2</sub> O <sub>3</sub> at max. 1 bar |                               | —                                   | Cleaning with Al <sub>2</sub> O <sub>3</sub> at max. 1 bar |                               |  |
| Etching                     | —  |                               | 20 sec with IPS Ceramic Etching Gel | —  |                               |  |
| Conditioning / Silanization | 180 sec with Metal/Zirconia Primer                         | —                             | 60 sec with Monobond-S              | 180 sec with Metal/Zirconia Primer                         | —                             |  |
| Cementation system          | Multilink® Automix   | Vivaglass® CEM                | Multilink® Automix                  | Multilink® Automix   | Vivaglass® CEM                |  |

\* self-adhesive powder-liquid systems



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