

Celtra® Press

Developed to make a difference

Information for the dental laboratory

Celtra® Press

The structure makes the difference

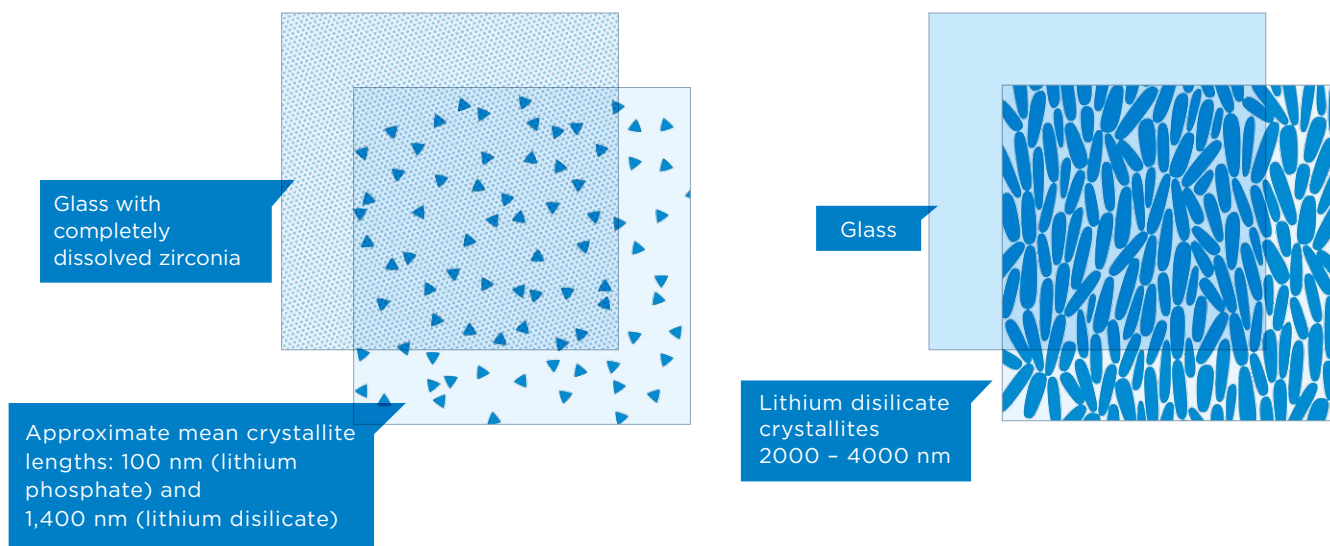
Celtra® is the new generation of high strength glass ceramics, zirconia reinforced lithium silicate - ZLS.

The unique microstructure of ZLS allows outstanding physical properties, exquisite beauty, strength and speed. Celtra delivers exceptional performance, including optimized balance of translucency and opalescence, reduced crystal size which serves to increase flexural strength, and a fine microstructure for processing speed efficiencies.



MICROSTRUCTURE ZLS

MICROSTRUCTURE LS₂



Celtra® Press

Make the difference in your lab

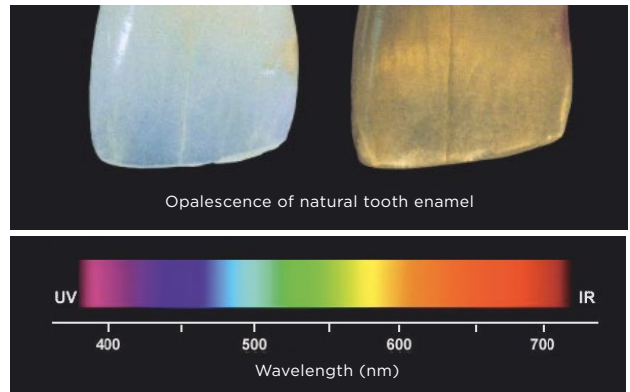
Fascinating esthetics unmatched

- + Amazing chameleon effect provides in-vivo blending
- + Perfect balance of translucency and natural opalescence (natural vitality)
- + Natural-like opalescence reduces graying effect in the patient mouth
- + Excellent VITA shade matching

Strength to rely on

- + Exceptional flexural strength >500 MPa for up to 3-unit anterior bridge-work and reliable results up to 2nd premolar
- + Excellent margin quality increase confidence in complex case designs
- + Exceptional flow properties (smaller microcrystals of ZLS)

NATURAL OPALESCENCE



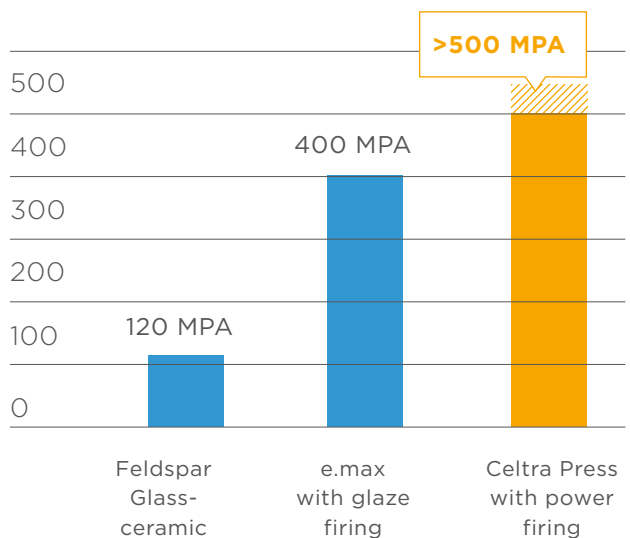
Depending on the type of crystallites, we get mean lengths of around 100 nm and 1,400 nm for lithium phosphate and lithium disilicate, respectively. This approximates the wavelength range of natural daylight and is responsible for the opalescence. Celtra thus behaves like natural tooth enamel in terms of light dispersion.

NATURAL VITALITY



Perfect balance of translucency and opalescence of a monolithic Celtra Pressing

COMPARISON FLEXURAL STRENGTH*



* 3 Point Flexural Strength

Efficiency that pays off

- + Familiar, but faster workflow = increased productivity
Low-viscosity material, excellent flow properties, only one sprue for 3-unit bridges
- + Fewer and easier working steps
Minimal reaction layer with usage of Celtra Press investment
Fast and easy polishing

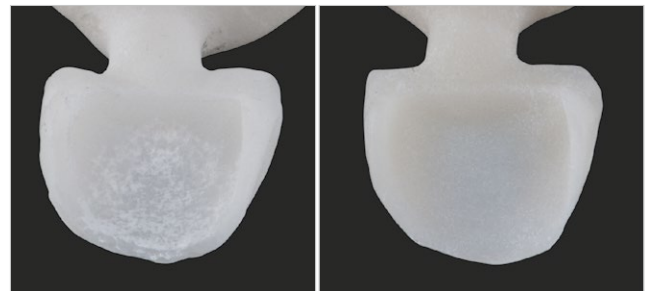
Simplicity that matters

- + Easy and accurate ingot selection – Few shades sufficient for high coverage rate
- + “Right shade” out of the ingot – minimizing any hue, value, chroma adjustments
- + Easy and reliable staining concept
- + Smart shade selection + simple stain system = 100% shade coverage

Indications

- › Occlusal veneers
- › Thin veneers
- › Veneers
- › Inlays
- › Onlays
- › Crowns in the anterior and posterior region
- › 3-unit bridges in the anterior region up to the second premolar as the terminal abutment
- › Crown or 3 unit bridge up to the second premolar placed on top of an implant abutment

COMPARISON REACTION LAYER

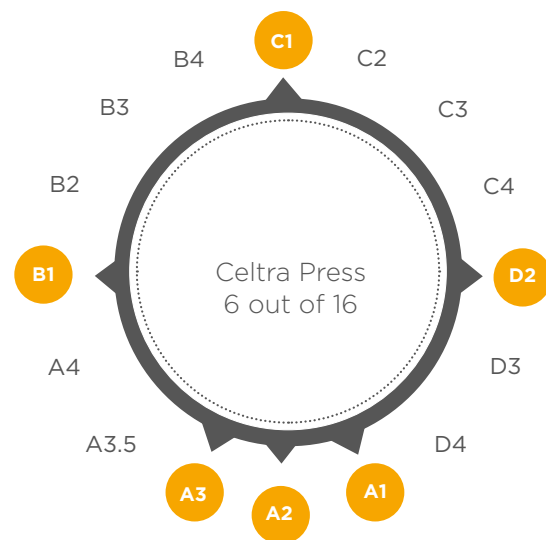


Lithium Disilicate
Sandblasted after
divesting – reaction layer

Celtra Press
Sandblasted after divesting
– no reaction layer

HIGH COVERAGE RATE

Few shades are sufficient



Shade-accurate, optimal translucency based on indication, cover all VITA shades with just 6 Celtra Press ingots

EXCELLENT MARGIN QUALITY



Razor thin margin of Celtra Press crown

SMART SHADE SYSTEM

	Translucency	Shade							Individualization technique
Incisal (inlay, onlay, veneer)	HT		I1	I2	I3				Glaze
Full Contour (posterior)	MT	BL2	A1	A2	A3	B1	C1	D2	Stain & Glaze
Cut-back (anterior)	LT	BL2	A1	A2	A3	B1	C1	D2	Build-up Stain & Glaze



CUSTOMER VOICE



With accurate shades and very little reaction layer, Celtra Press has been a smooth integration into our workflow and has greatly reduced our labor. The natural opalescence and chameleon effect produces an excellent end result.



Chess Moore, CDT
Aesthetic Reconstruction
Hattiesburg | MS | USA



This product is the best pressed material I have used!



Carlos Montaner
Montaner Dental Studio
Apex | NC | USA



The material properties of Celtra allow the dental technician to concentrate more on the morphology. The opalescent effect looks just great in the mouth, and the crown becomes simply – a tooth.



Hans-Jürgen Joit
Linie Düsseldorf Dental
Düsseldorf | Germany

EASY AND RELIABLE STAINING



New method to avoid stocking and achieve 100% coverage

Perfect aesthetic characteristics, strong chameleon effect and high shade fidelity of Celtra Press facilitate the successful reproduction of all VITA shades with a reduced range of individual pressing materials. If Dentsply Sirona Universal Stains are additionally used, even darker shades are easy to implement. This means: Greater efficiency and cost savings in the laboratory!



Opalescence !!!
Opalescence !!! Opalescence !!!
Achievable superior esthetics, with the strength and fit to match.



Trevor Laingchild R.D.T. AAACD
Toronto | ON | Canada
Burlington | ON | Canada



The new Celtra Press is truly the next generation in high-strength glass ceramics. Its enhanced vitality and shade accuracy contribute to exceptional visual opalescence and optimal translucency.



Dr. Izchak Barzilay DDS, Cert. Prosth., MS, FRCD(C)
Head - Division of Prosthodontics and Restorative Dentistry, Mount Sinai Hospital
Toronto | ON | Canada

Ordering Information

Product		REF
Celtra® Kits		
Celtra Press Starter Kit		5365400113
Celtra Ceram Basic Kit		600601
Celtra Ceram Trial Kit		600602
Celtra Ceram Esthetic Kit		600603
Celtra Ceram Gingiva Kit		600604
Dentsply Sirona Universal Stain Kit		600700
Celtra TwisTec-Set	9 PCS	5359909112

Celtra® Press Ingots		
MT/LT BL2	3x6 G	5365400176
LT A1	3x6 G	5365400006
LT A2	3x6 G	5365400016
LT A3	3x6 G	5365400026
LT B1	3x6 G	5365400056
LT C1	3x6 G	5365400096
LT D2	3x6 G	5365400136
MT A1	3x6 G	5365400206
MT A2	3x6 G	5365400216
MT A3	3x6 G	5365400226
MT B1	3x6 G	5365400256
MT C1	3x6 G	5365400296
MT D2	3x6 G	5365400336
HT i1	3x6 G	5365400526
HT i2	3x6 G	5365400536
HT i3	3x6 G	5365400546
MT/LT BL2	5x3 G	5365400177
LT A1	5x3 G	5365400007
LT A2	5x3 G	5365400017
LT A3	5x3 G	5365400027
LT B1	5x3 G	5365400057
LT C1	5x3 G	5365400097
LT D2	5x3 G	5365400137
MT A1	5x3 G	5365400207
MT A2	5x3 G	5365400217
MT A3	5x3 G	5365400227
MT B1	5x3 G	5365400257
MT C1	5x3 G	5365400297
MT D2	5x3 G	5365400337
HT i1	5x3 G	5365400527
HT i2	5x3 G	5365400537
HT i3	5x3 G	5365400547

Investment		
Celtra Press Investment	60 x 100 G	5325320320
Celtra Press Investment Liquid	1000 ml	5325400320

Product		REF
Ring Former for 100 g Muffle		5365901206
Ring Former for 200 g Muffle		5365901207
Sprue Former for 100 g Muffle		5365901208
Sprue Former for 200 g Muffle		5365901209
Celtra Press Investment Plunger	25 PCS.	5365901211

Accessories		
Celtra Undercoating wax	60 G	5323510011
Celtra Modeling wax	60 G	5323510019
CC Shade Guide - Basic Indicator 1		601002
CC Shade Guide - Basic Indicator 2		601003
CC Shade Guide - Esthetic Indicator		601004
CC Shade Guide - Gingiva Indicator		601005
DS Shade Guide - Stains Indicator		601006
DS Modeling Liquid DU	15 ML	615126
DS Modeling Liquid DU	50 ML	650126
DS Stain & Glaze Liquid	50 ML	601350
DS Stain & Glaze Liquid	15 ML	601315
Firing Pad	3 PCS	5365901205

Celtra® Ceram porcelain		
Dentin - BL1	15 G	615130
Dentin - BL2	15 G	615131
Dentin - BL3	15 G	615132
Dentin - BL4	15 G	615133
Dentin - A1	15 G	615134
Dentin - A2	15 G	615135
Dentin - A3	15 G	615136
Dentin - A3.5	15 G	615137
Dentin - A4	15 G	615138
Dentin - B1	15 G	615139
Dentin - B2	15 G	615140
Dentin - B3	15 G	615141
Dentin - B4	15 G	615142
Dentin - C1	15 G	615143
Dentin - C2	15 G	615144
Dentin - C3	15 G	615145
Dentin - C4	15 G	615146
Dentin - D2	15 G	615147
Dentin - D3	15 G	615148
Dentin - D4	15 G	615149
Dentin Effect - DE1, Blue	15 G	615161
Dentin Effect - DE2, Green-brown	15 G	615162
Dentin Effect - DE3, Grey	15 G	615163
Dentin Effect - DE4, Orange-brown	15 G	615164
Dentin Effect - DE5, Pink	15 G	615165
Dentin Effect - DE6, Violet	15 G	615166

Product		REF
Dentin Effect - DE7, Yellow	15 G	615167
Dentin Effect - DE8, White	15 G	615168
Dentin Effect - DE9, Orange	15 G	615169
Opaceous Dentin - OD0	15 G	615150
Opaceous Dentin - OD1	15 G	615151
Opaceous Dentin - OD2	15 G	615152
Opaceous Dentin - OD3	15 G	615153
Opaceous Dentin - OD4	15 G	615154
Opaceous Dentin - OD5	15 G	615155
Opaceous Dentin - OD6	15 G	615156
Dentin Gingiva - DG1, Pink	15 G	615171
Dentin Gingiva - DG2, Reddish-pink	15 G	615172
Dentin Gingiva - DG3, Salmon	15 G	615173
Dentin Gingiva - DG4, Dark	15 G	615174
Dentin Gingiva - DG5, Mahogany	15 G	615175
Power Dentin - PD1	15 G	615181
Power Dentin - PD2	15 G	615182
Power Dentin - PD3	15 G	615183
Power Dentin - PD4	15 G	615184
Power Dentin - PD5	15 G	615185
Power Dentin - PD6	15 G	615186
Enamel - E1, Extra-light	15 G	615201
Enamel - E2, Light	15 G	615202
Enamel - E3, Medium	15 G	615203
Enamel - E4, Transparent	15 G	615204
Enamel - E5, White	15 G	615205
Enamel Opal - EO1, Extra-light	15 G	615211
Enamel Opal - EO2, Light	15 G	615212
Enamel Opal - EO3, Medium	15 G	615213
Enamel Opal - EO4, Transparent	15 G	615214
Enamel Opal - EO5, HT	15 G	615215
Enamel Opal - EO6, LT	15 G	615216
Enamel Effect - EE1, Sunrise	15 G	615221
Enamel Effect - EE2, Violet	15 G	615222
Enamel Effect - EE3, Sunset	15 G	615223
Enamel Effect - EE4, Fog	15 G	615224
Enamel Effect - EE5, Sky	15 G	615225

Product		REF
Enamel Effect - EE6, Ivory	15 G	615226
Add-on Correction - C1, Light	15 G	615401
Add-on Correction - C2, Medium	15 G	615402
Add-on Correction - C3, Dark	15 G	615403
Add-on Correction - C4, Transparent	15 G	615404
Add-on Gingiva - G1, Pink	15 G	615411
Add-on Gingiva - G2, Reddish-pink	15 G	615412
Add-on Gingiva - G3, Salmon	15 G	615413
Add-on Gingiva - G4, Dark	15 G	615414
Add-on Gingiva - G5, Mahogany	15 G	615415

Stains and Overglaze

DS Universal Body Stain - S0	5 G	605520
DS Universal Body Stain - S1	5 G	605521
DS Universal Body Stain - S2	5 G	605522
DS Universal Body Stain - S3	5 G	605523
DS Universal Body Stain - S4	5 G	605524
DS Universal Incisal Stain - i1	5 G	605531
DS Universal Incisal Stain - i2	5 G	605532
DS Universal Stain - White	5 G	605500
DS Universal Stain - Crème	5 G	605501
DS Universal Stain - Sunset	5 G	605502
DS Universal Stain - Copper	5 G	605503
DS Universal Stain - Khaki	5 G	605504
DS Universal Stain - Olive	5 G	605505
DS Universal Stain - Mahogany	5 G	605506
DS Universal Stain - Violet	5 G	605507
DS Universal Stain - Raspberry	5 G	605508
DS Universal Stain - Purple	5 G	605509
DS Universal Stain - Grey	5 G	605510
DS Universal Stain - Chestnut	5 G	605511
DS Universal Stain - Blue	5 G	605512
DS Universal Stain - Pink	5 G	605513
DS Universal Overglaze	5 G	605540
DS Universal Overglaze - High Flu	5 G	605542

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