

3M ESPE

Lava™ Ceram
Overlay Porcelain

INSTRUCTIONS





Lava™ Ceram gives you more shades and better effects in your choice of three kits.

Developed as part of the Lava system, Lava™ Ceram Zirconia Overlay Porcelain for Lava™ Frameworks is the choice for restorations that are truly masterpieces. Lava Ceram makes it easy to recreate the esthetics of a real tooth with extraordinary shades and amazing optical effects that ensure a beautiful restoration.

- Lava Ceram was designed for the Lava system and provides proven bond strength to Lava™ Copings
- Unique colored copings let you start with the best possible canvas
- 23 new effect porcelains give you an expanded palette capable of matching virtually any tooth
- Available in kits to fit the way you work

With our new shades, creating beautiful restorations is easier than ever.

More color shades. More translucence. More opalescence. Simply more of what you look for in an overlay porcelain. With Lava Ceram, it's easier to build restorations that match and blend with the surrounding natural teeth.

New effect porcelains include:

6 High-Fluorescent Dentin Porcelains (FLU-In)

Accentuate specific areas in dentin such as mamelons and secondary dentin. Apply in thin layers with framework modifier or dentin porcelain.

4 Opaque Dentin Porcelains (OD)

Support and intensify base color. Apply in thin layers or mix with framework modifier or dentin porcelain.

2 High-Translucent Opal Porcelains (ICE)

Enhance penetration in the incisal area. Use like enamel and transpa porcelains.

4 High-Opalescent Translucent Porcelains (Nature)

Create natural opal effect in the incisal area. These effect powders give the ceramics a subtle gleam that appears reddish-yellowish to bluish. Use like enamel and translucent porcelains.

3 Cervical Incisal Transparent Porcelains (CI)

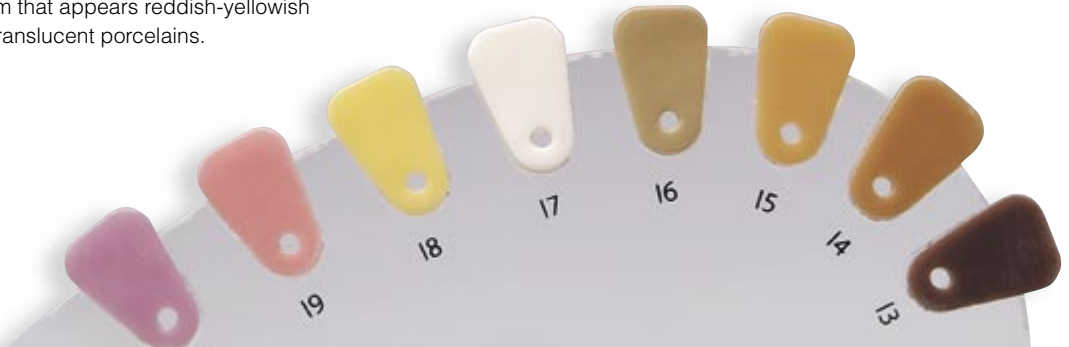
Increase the color, translucency and intensity, or chroma, in the cervical and incisal area. Use like translucent porcelains.

2 Gingiva Porcelains

Recreate the original gingiva areas. Incorporate into the first and/or second dentin baking. The colors can be mixed with Magic Intensive Porcelains found in the Lava Ceram Pop Art Set.

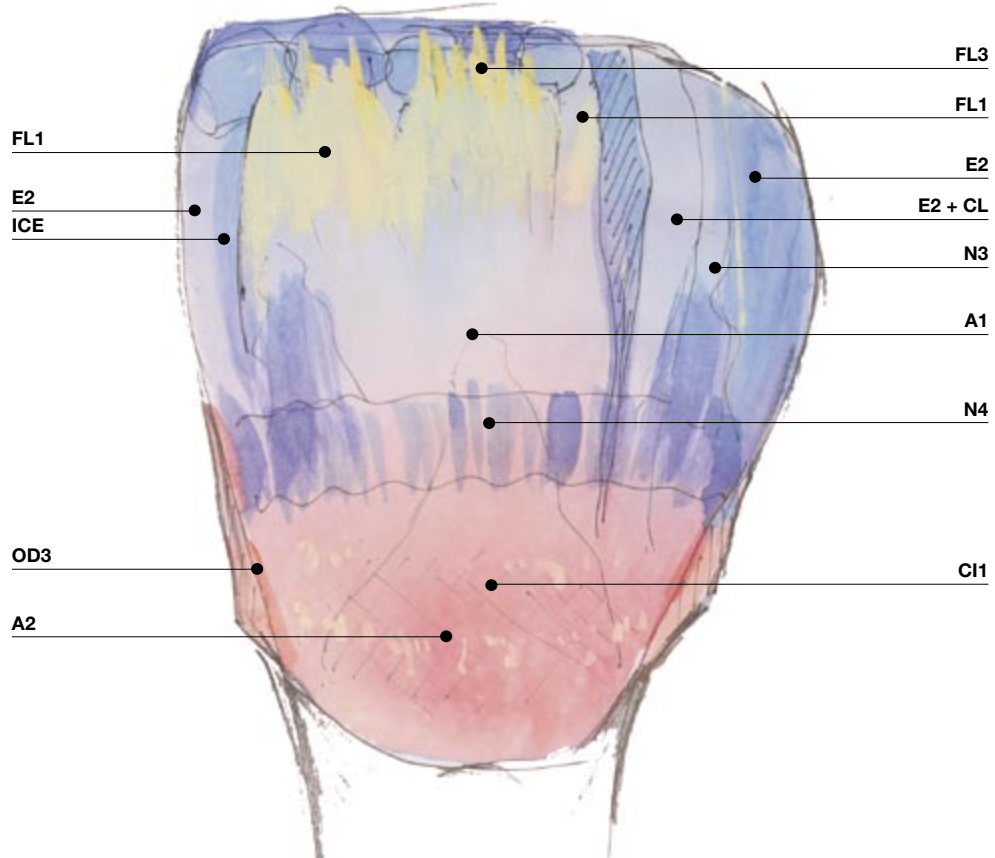
2 Correction Porcelains (CR)

Make minor adjustments with transparent or yellowish correction porcelain.



Layering diagram

Natural teeth



Combination table and individual shades

COMBINATION TABLE

VITA-Classic-Colors	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BLEACH COLORS*		
	W1	W2	W3																
Shoulder Porcelains	SH 1	SH 3	-	-	SH 1	-	SH 5	-	-	-	-	-	-	-	-	-	-	-	-
Frame Work Modifier	MO A1	MO A2	MO A3	MO A3,5	MO A4	MO B1	MO B2	MO B3	MO B4	MO C1	MO C2	MO C3	MO C4	MO D2	MO D3	MO D4	MO W1	MO W2	MO W3
Dentin Porcelains	D A1	D A2	D A3	D A3,5	D A4	D B1	D B2	D B3	D B4	D C1	D C2	D C3	D C4	D D2	D D3	D D4	D W1	D W2	D W3
Enamel Porcelains	E 2	E 2	E 3	E 3	E 4	E 1	E 1	E 3	E 3	E 4	E 3	E 3	E 4	E 4	E 3	E 3	E 2	E 2	E 2

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INDIVIDUAL SHADES

Enamel Effect	
Polar	E 5
Sun	E 6
Transparent Opal Porcelains	
Neutral	T 1
Yellow	T 2
Blue	T 3
Grey	T 4
Clear	CL

Fluorescent Transparent Opal	
Diamant	ICE1
Flamingo	ICE2
Transparent Nature	
Pearl	N1
Frost	N2
Crystal	N3
Snow	N4
Cervical Incisal Transpa	
Lychee	CI 1
Apricot	CI 2
Lemon	CI 3

Opaque Dentin	
Ivory	OD 1
Curry	OD 2
Amber	OD 3
Siena	OD 4
Flu- In Dentin	
Cream	FL 1
Gold	FL 2
Corn	FL 3
Mango	FL 4
Nougat	FL 5
Olive	FL 6

Magic Intensive	
Ocean blue	I 1
Atlantis	I 2
Maroon	I 3
Havanna	I 4
Orange	I 5
Khaki	I 6
Vanilla	I 7
Honey	I 8
Gingiva	I 9
Violet	I 10

Stains	
Ocean blue	S 1
Atlantis	S 2
Maroon	S 3
Havanna	S 4
Orange	S 5
Khaki	S 6
Vanilla	S 7
Honey	S 8
Gingiva	S 9
Violet	S 10

Gingiva	
Light	G 1
Dark	G 2
Correction Porcelain	
Neutral	CR 1
Yellow	CR 2
Glaze	G

Firing instructions

	Start temp.	Drying time	T under vacuum	T without vacuum	Final temp.	Holding time under vacuum	Holding time without vacuum
First dentin/enamel or modifier firing	450°C 842°F	6 min	27.2°C/min 81°F/min	N/A	810°C 1490°F	1 min	N/A
Second dentin/enamel firing	450°C 842°F	6 min	27.2°C/min 81°F/min	N/A	800°C 1472°F	1 min	N/A
Glaze firing with glaze and/or stain	480°C 896°F	2 min	N/A	45°C/min 113°F/min	790°C 1454°F	N/A	1 min
Glaze firing without glaze and/or stain	480°C 896°F	2 min	N/A	45°C/min 113°F/min	820°C 1508°F	N/A	N/A
Correction bake	450°C 842°F	2 min	45°C/min 113°F/min	N/A	700°C 1292°F	1 min	N/A
First shoulder porcelain firing	450°C 842°F	4 min	45°C/min 113°F/min	N/A	840°C 1544°F	1 min	N/A
Second shoulder porcelain firing	450°C 842°F	4 min	45°C/min 113°F/min	N/A	830°C 1526°F	1 min	N/A

Note: Temperature and baking times are approximate. To test your oven, please perform a trial bake using the clear-est ceramic material. Refer to the next page for more information.

Ordering Instructions

Item No. Product Information



68719 Lava Ceram Popular Set

Start with 15g bottles of the most popular shades so you can begin creating amazingly natural-looking restorations. Other shades that are not included in the popular set can be purchased separately. All dentin, enamel and effect porcelains are available in 15g and 50g bottles.

10 Dentin Porcelains (A1, A2, A3, A3.5, B1, B2, B3, C2, D2, W2); 10 Framework Modifiers (same as Dentin shades); 4 Enamel Porcelains (E1, E2, E3, E4); 4 Transparent Opal Porcelains, 2 Enamel Effects Porcelains, 3 Shoulder Ceramics, 2 Correction Porcelains, Transparent-clear and Glaze, Modeling Liquid and Shoulder Ceramic Liquid; 4 Shade Guides (framework modifier shade guide, dentin shade guide, enamel shade guide and shoulder/magic intensive shade guide)



68720 Lava Ceram Performer Set

The Performer Set contains all 23 of our new effect porcelains in 15g bottles.

6 High-Fluorescent Dentin Porcelains (FLU-In)	2 Gingiva Porcelains
4 Opaque Dentin Porcelains (OD)	2 Correction Porcelains (CR)
2 High-Translucent Opal Porcelains (ICE)	Modeling Liquid 40ml
4 High-Opalescent Translucent Porcelains (Nature)	Lava Ceram Performer Shade Guide
3 Cervical Incisal Transparent Porcelains (CI)	



68721 Lava Ceram Pop Art Set

The Pop Art Set is designed for high-end esthetic effects used to create truly individual, beautiful and detailed restorations.

10 Magic Intensive Shades, 5g	Modeling Liquid, 40ml
10 Stains, 5g	Stain/Glaze Liquid, 40ml
Glaze, 15g	



68734 Lava Ceram Trial Kit

The trial kit is designed to give you a taste of what you can achieve with Lava™ Ceram.

Framework Modifier MO A2, 15g	Cervical Incisal Transparent Porcelain in Lychee (CI1), 15g
Dentin Porcelain, D A2, 15g	High-Opalescent Transparent Nature in Snow (N4), 15g
Enamel Porcelain, E2, 15g	Modeling Liquid, 40ml
Clear, 15g	



Lava Ceram Shade Guides

Additional Lava Ceram Shade Guides are available for purchase.

68722 Framework Modifier Shade Guide	68726 Dentin Shade Guide
68723 Enamel/Transparent Shade Guide	68725 Performer Set Shade Guide
68724 Shoulder/Magic Intensive Shade Guide	

3M ESPE Customer Care Center: 1-800-216-9502
Visit 3MESPE.com/lava for more information

3M ESPE

Dental Products

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

3M Canada

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



Minimum 10%
Post-Consumer Fiber

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