All Ceramic Materials for All-Ceramic Restorations

Product Line-up

Rosetta® SM	Dimensions (mm)	Pcs / Pack
C12	10 × 12 × 15	5 Blocks
C14	12 × 14 × 18	5 Blocks
C32	14 × 14 × 32	3 Blocks
C40	15 × 15 × 38	3 Blocks
P9808	ø98 × 8T	1 Disk
P9810	ø98 × 10T	1 Disk
P9812	ø98 × 12T	1 Disk

Available Shades

HT(High Translucency)

W1 W2 W3 W4 A1 A2 A3 A3.5
B1 B2 B3 B4 C1 C2 C3 . C4
D2 D3 D4

LT(Low Translucency)

W1 W2 W3 W4 A1 A2 A3 A3.5
B1 B2 B3 B4 C1 C2 C3 C4
D2 D3 D4

MO(Medium Opacity)

MO 0 MO 1 MO 2 MO 3 MO 4
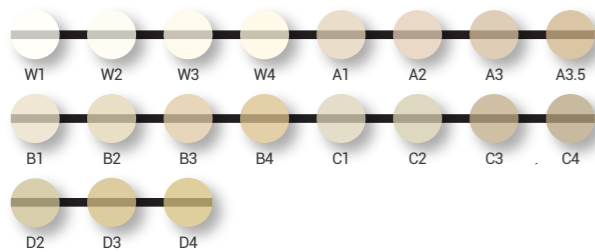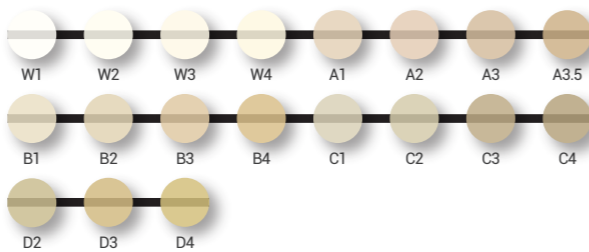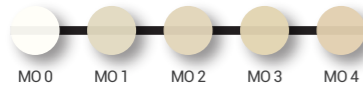
Recommended Crystallization Schedule

PROGRAMAT[1), FOCUS[2)

Stand-by temperature B [°C]	Closing time S [min]	Heating rate t_1 [°C]	Firing temperature T_1 [°C]	Holding time H_1 [min]	VAC1 /VAC2	Long-term cooling L [°C]	Cooling time tl [°C]
400	3:00	60	840	10:00	550/840	700	0

Please follow our recommended crystallization schedule for best results.
The name of the menu on the schedule may vary depending on the furnace's model.

1) PROGRAMAT is a registered trademark of IVOCLAR VIVADENT.
2) FOCUS is a registered trademark of Shenpaz.

ⓘ Note

There may be a slight difference between the displayed temperature and the actual temperature of each furnace. Before you heat-treated Rosetta®SM blocks, please verify that the above recommended schedule is suitable for the furnace being used. Otherwise, try to find the optimized crystallization temperature through the following process.

• If there are some changes in the shape of restoration during crystallization heat treatment, please reduce the final temperature by 10~15 °C.

Lithium Disilicate Glass-ceramic Blocks & Disks

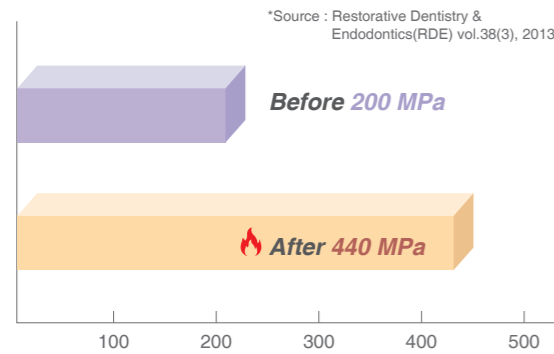# Rosetta® SM

CE 2195

HASS | Human-Aid System Supplier

www.hassbio.com

The Benefits of Rosetta SM for your practice

Experience the strength of Rosetta SM, with its easy and fast milling process for creating natural-looking, durable restorations.

Strength. Easy & Fast milling process

*Source : Restorative Dentistry & Endodontics(RDE) vol.38(3), 2013

Before 200 MPa

🔥 **After 440 MPa**

100   200   300   400   500

Biaxial Flexure Strength of Rosetta SM
before and after heat-treatment (MPa)

Fracture Strength

- Cementation : Etching(5% HF/20sec) / IPS ceramic etching gel, Ivoclar vivadent*
  Silane treatment / Monobond Plus, Ivoclar vivadent*
  Resin cement / RelyX U200, 3M*
  *[* Not a registered trademark of HASS Corp.]*

-Test condition : Thermocycled for 10,000 cycles (5-55°C) &
  Fracture strength after fatique Group :
  Dynamic loading for 200,000 times
  (70N, 1Hz, angle of 135º)

	Rosetta SM	Multi Zirconia (A company)
Fracture strength before fatique	2250 ± 230 N	1750 ± 230 N
Fracture strength after fatique	1820 ± 100 N	1640 ± 190 N

* Source : The Journal of Prosthetic Dentistry, 2021

Courtesy of CDT. Isaak Coimbra

Courtesy of Dr. Alejandro Pineda / *Lhasa Digital Dental Clinic*

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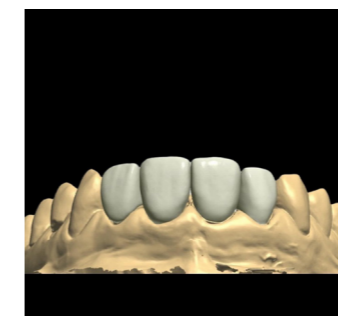

Great Versatility!

Innovative pioneer - Ø98 Disk

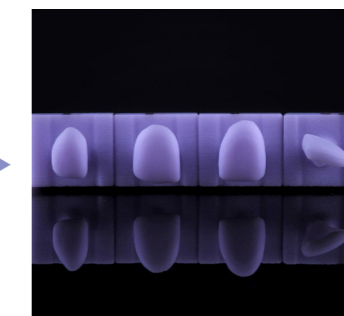Pursuing the needs of the best glass ceramic materials for various open CAD/CAM systems.

Wide Range of Indications

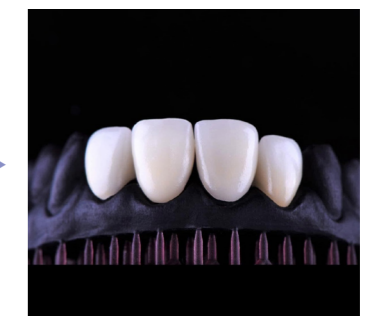|			
🦷	Inlays	🦷	Anterior Single Crowns
🦷	Onlays	🦷	Posterior Single Crowns
🦷	Veneers	🦷	3-Unit Anterior Bridge (* up to the second Premolar)

Workflow

(1) Design

(2) Milling

(3) Stain & Glazing

(4) Cementation

(5) Final Restoration

Courtesy of Dr. Alejandro Pineda _ *Lhasa Digital Dental Clinic* / **4 upper veneers**