

CEREC Cercon 4D™ mono/medi

Multidimensional Zirconia

Sintering recommendations

inFire HTC speed

Dry milled restorations

When sintering in the inFire HTC speed use the “inCoris TZI / ZI speed” program.

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S4	99	750	0
S3	99	1510	0
S2	50	1510	30
S1	99	800	5

Wet milled restorations

When sintering in the inFire HTC speed use the “inCoris TZI / ZI speed wet” program.

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S4	99	750	0
S3	50	1510	30
S2	99	800	5
S1	15	80	30

inLab® ProFire

Dry milled restorations

When sintering in the inLab® ProFire use “CEREC Cercon 4D™ speed” program.

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	120	1000	0
S2	90	1200	0
S3	60	1450	0
S4	30	1580	5
S5	120	750	-

Wet milled restorations

When sintering in the inLab® ProFire use the “CEREC Cercon 4D™ speed wet” program.

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	15	80	30
S2	120	1000	0
S3	90	1200	0
S4	60	1450	0
S5	30	1580	5
S6	120	750	-

When sintering CEREC Cercon 4D™ bridges in the inLab® ProFire, use the sintering program for other furnaces below.



Sintering CEREC Cercon 4D™ single units and bridges with other furnaces

For sintering the restorations in furnaces from other manufacturers, follow the firing parameters outlined in Tables below or visit www.dentsplysirona.com.

Dry milled restorations

Start °C	Heating rate 1 °C / min	Temp 1 °C	Holding time 1 min	Heating rate 2 °C / min	Temp 2 °C	Holding time 2 min	Cooling rate °C / min	Temp 3 °C	Action
RT	99	800	5	50	1510	30	99	750	open door

Wet milled restorations

Start °C	Heating rate 1 °C / min	Temp 1 °C	Holding time 1 min	Heating rate 2 °C / min	Temp 2 °C	Holding time 2 min	Heating rate 3 °C / min	Temp 3 °C	Holding time 3 min	Cooling rate °C / min	Temp 4 °C	Action
RT	15	80	30	99	800	5	50	1510	30	99	750	open door

Programat® CS4¹

Dry milled single unit restorations

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	130	900	0
S2	50	1450	0
S3	15	1530	3
S4	70	1200	0
S5	50	1000	0

Wet milled single unit restorations

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	15	80	30
S2	130	900	0
S3	50	1450	0
S4	15	1530	3
S5	70	1200	0
S6	50	1000	0

Programat® CS6¹

Dry milled single unit restorations

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	200	1050	0
S2	67	1450	0
S3	30	1560	3
S4	70	1200	0
S5	50	1000	0

¹ Not a registered trademark of Dentsply Sirona.

Programat® CS6¹

Wet milled single unit restorations

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	10	80	30
S2	200	1050	0
S3	67	1450	0
S4	30	1560	3
S5	70	1200	0
S6	50	1000	0

Programat® CS4/CS6¹

Dry milled bridges

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	130	900	0
S2	50	1450	0
S3	15	1530	4
S4	70	1200	0
S5	50	1000	0

Wet milled bridges

#	Heating rate / °C / min	Holding temperature / °C	Holding time / min
S1	15	80	30
S2	130	900	0
S3	50	1450	0
S4	15	1530	4
S5	70	1200	0
S6	50	1000	0

¹ Not a registered trademark of Dentsply Sirona.



Made in Germany

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