

# Suggested Slumping Schedules in Celsius

The following slumping schedules have been collected over years of experience at Bullseye’s Research & Education studios.

Note that the schedules are intended as a starting point. Many variables factor into developing an appropriate cycle. Every kiln fires differently, and different glass styles vary in viscosity.

Because no single slumping schedule will work for every project, we recommend that you visually confirm the slump during the firing. To do this, open the kiln door enough to take a quick look. Don’t hold the door open for more than a few seconds.

Depending on the mold you’re working with, you can begin to monitor the progress of the slump once the kiln is above 1100 °F and continue to do so as the firing approaches process temperature and/or during the process soak until the slump is complete.

Be sure to record your observations for future reference. Suggested Video Lessons (subscription required): *Slumping Basics* and *Working with Drop-Out Molds*.

## Using These Schedules

Schedules are based on observations from slumping 6 mm-thick pieces in Paragon GL24 kilns. For each mold, the first segment of the firing is provided below in blue. Plug it into the provided template.

SEGMENT	RATE ( °C/HR)	TEMPERATURE	HOLD
1			
2	AFAP*	482 °C	1:00
3	56 °F	371 °C	0:00
4	AFAP*	21 °C	0:00

\*As Fast As Possible. Allow the kiln to cool at its natural rate with the door closed.

When slumping works with variations in thickness—such as most tack-fused projects—or uniformly thick works (9 mm and thicker), it may be necessary to fire more slowly than the provided schedule to avoid thermal shock and ensure proper annealing. See *Writing Firing Schedules for Fusing & Slumping*.

## Round Plates & Bowls



### Classic

- 8748: 5.9" × 1" (15 × 3 cm)  
▶ 167 °C | 663 °C | 1:30
- 8749: 6.1" × 0.6" (16 × 2 cm)  
▶ 167 °C | 663 °C | 1:30
- 8747: 8.5" × 0.9" (22 × 2 cm)  
▶ 167 °C | 663 °C | 0:45
- 8723: 12.1" × 3" (31 × 8 cm)  
▶ 167 °C | 663 °C | 0:45
- 8724: 15.7" × 3.3" (40 × 8 cm)  
▶ 167 °C | 663 °C | 0:30



### Cone Bowl

- 8974: 5.25" × 1.25" (133 × 32 mm)
  - 8943: 7.4" × 2.2" (19 × 6 cm)
  - 8975: 11.5" × 3.4" (29 × 9 cm)
- See Mold Tips: Cone Bowls



### Flower

- 7982: 5.25" × .75" (13 × 2 cm)  
▶ 167 °C | 663 °C | 1:00
- 7983: 8.25" × 1.25" (21 × 3 cm)  
▶ 167 °C | 663 °C | 0:45
- 7984: 11.75" × 1.0625" (30 × 3 cm)  
▶ 167 °C | 663 °C | 0:30



### Plain Plate

- 8721: 14.6" × 1.2" (37 × 3 cm)  
▶ 167 °C | 649 °C | 0:05
- 8722: 17.5" × 2.1" (45 × 5 cm)  
▶ 167 °C | 638 °C | 0:05



### Pasta Bowl

- 8909: 11.3" × 1.7" × 2" (29 × 4 × 5 cm)  
▶ 167 °C | 668 °C | 1:00
- 8910: 13.1" × 1.9" × 2.4" (33 × 5 × 6 cm)  
▶ 167 °C | 663 °C | 0:45



### Simple Rimless Dish

- 8772: 9" × 1.5" (23 × 3.8 cm)  
▶ 167 °C | 654 °C | 0:20
- 7493: 12.2" × 2" (31 × 5 cm)  
▶ 167 °C | 649 °C | 0:10



### Round Plate

- 8928: 12.8" × 0.7" (33 × 2 cm)  
▶ 167 °C | 663 °C | 1:30



### Soup Bowl

- 8665: 9.4" × 1.6" (24 × 4 cm)  
▶ 167 °C | 663 °C | 1:15



### Seder Plate

- 8959: 12.3" × 1.4" (31 × 4 cm)  
▶ 167 °C | 677 °C | 1:15



### Swirl

- 8788: 11.9" × 2.1" (30 × 5 cm)  
▶ 167 °C | 663 °C | 0:45

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## Round Plates & Bowls



### Bowl

8651: 15.6" × 2.4" (40 × 6 cm)  
▶ 167 °C | 663 °C | 0:20  
8652: 16.1" × 3.4" (41 × 9 cm)  
▶ 167 °C | 657 °C | 0:15



### Big Bowl

8973: 12.5" × 3.7" (32 × 9 cm)  
*See Mold Tips: Big Bowl*



### Large Round Slumper

8628: 14.8" × 2.6" (38 × 7 cm)  
▶ 167 °C | 663 °C | 0:20



### Round Slumper

8630: 7.5" × 1" (19 × 3 cm)  
▶ 167 °C | 649 °C | 0:05  
8629: 11.8" × 1.6" (30 × 4 cm)  
▶ 167 °C | 643 °C | 0:05



### Round Tray

8781: 5.4" × 1" (14 × 2.5 cm)  
▶ 167 °C | 663 °C | 1:00  
8782: 9" × 1" (23 × 2.5 cm)  
▶ 167 °C | 663 °C | 1:00  
8783: 11.2" × 1" (29 × 2.5 cm)  
▶ 167 °C | 663 °C | 0:45  
8760: 13.2" × 1" (33.5 × 2.5 cm)  
▶ 167 °C | 663 °C | 0:45

## Ball Surface / Deep Form



### Ball Surface

8746: 5.8" × 1.7" (15 × 4 cm)  
▶ 111 °C | 660 °C | 0:20  
8736: 7.8" × 1.2" (20 × 3 cm)  
▶ 167 °C | 657 °C | 0:05  
8735: 9.4" × 2" (24 × 5 cm)  
▶ 167 °C | 649 °C | 0:15  
8734: 11.4" × 3" (29 × 8 cm)  
▶ 167 °C | 638 °C | 0:15  
8733: 14.8" × 2.1" (38 × 5 cm)

▶ 167 °C | 638 °C | 0:10

8738: 16.5" × 3.3" (42 × 9 cm)

▶ 139 °C | 638 °C | 0:05

8737: 19.3" × 3.6" (49 × 9 cm)

▶ 111 °C | 632 °C | 0:20



### Deep Form Step Two

8990: 15" × 7.3" (38 × 19 cm)  
*See Mold Tips: Deep Form*



### Deep Form Step Three

8991: 12.6" × 8.2" (32 × 21 cm)  
*See Mold Tips: Deep Form*

## Ovals



### Short Oval

8919: 11" × 4.4" × 1.2" (28 × 11 × 3 cm)  
▶ 167 °C | 663 °C | 0:10  
8952: 14.8" × 6.3" × 1.7" (38 × 16 × 4 cm)  
▶ 167 °C | 657 °C | 0:20



### Long Oval

8920: 10.9" × 4.5" × 0.6" (28 × 11 × 2 cm)  
▶ 167 °C | 657 °C | 0:20  
8951: 18.1" × 6.7" × 1.3" (46 × 17 × 3 cm)  
▶ 167 °C | 663 °C | 0:10

## Drop Outs



### Drop Out Ring

8633: 7.1" × 0.4" (18 × 1 cm);  
Inside 3" (8 cm)  
▶ 167 °C | 677 °C | 1:30\*  
8632: 8.9" × 0.4" (23 × 1 cm);  
Inside 4.9" (13 cm)  
▶ 167 °C | 677 °C | 1:30\*  
8631: 10.8" × 0.5" (28 × 1 cm);  
Inside 6.7" (17 cm)  
▶ 167 °C | 677 °C | 1:30\*  
8756: 13.3" × 0.5" (34 × 1 cm);  
Inside 7.5" (19 cm)  
▶ 167 °C | 677 °C | 1:30\*



### Ellipse Drop Out

8955: 17.7" × 10.8" × 0.9" (45 × 28 × 2 cm);  
Inside 13.6" × 6.9" (35 × 18 cm)  
▶ 167 °C | 677 °C | 1:30\*



### Square Drop Out

8957: 9.5" × 9.5" × 0.7" (24 × 24 × 2 cm);  
Inside 5.4" × 5.4" (14 × 14 cm)  
▶ 167 °C | 677 °C | 1:30\*



### Oval Dish

8536: 8.1" × 5.2" × 1.3" (21 × 13 × 3 cm)  
▶ 167 °C | 660 °C | 0:20  
8455: 11.3" × 7.4" × 1.5" (29 × 19 × 4 cm)  
▶ 167 °C | 663 °C | 0:20



### Oval

8744: 15.4" × 9.8" × 1.7" (39 × 25 × 4 cm)  
▶ 167 °C | 663 °C | 0:40



### Rectangular Drop Out

8923: 15.4" × 8.7" × 0.9" (39 × 22 × 2 cm);  
Inside 10.2" × 3.7" (26 × 9 cm)  
▶ 167 °C | 677 °C | 2:00\*

\*This schedule is for making a shallow plate. The mold is placed directly on the kiln shelf—not elevated.

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## Square Plates & Bowls



**Mini Soft Edged Plate**

8963: 6.1" × 6.1" × 0.8"  
(16 × 16 × 2 cm)

▶ 167 °C | 677 °C | 2:00



**Small Dish**

8926: 8.5" × 8.5" × 1.3"  
(22 × 22 × 3 cm)

▶ 167 °C | 663 °C | 2:15



**Soft Edge Platter**

8985: 9.1" × 9.1" × 0.9"  
(23 × 23 × 2 cm)

▶ 167 °C | 663 °C | 1:20



**Retro Party Bowl**

8936: 16.9" × 16.9" × 3.9"  
(57 × 18 × 6 cm)

▶ 167 °C | 663 °C | 0:35



**One-Square Dish**

8934: 3.5" × 3.5" × 0.9"  
(9 × 9 × 2 cm)

▶ 167 °C | 677 °C | 1:15



**Square Bowl, Simple Curve**

8647: 12" × 12" × 2.5"  
(31 × 31 × 6 cm)

▶ 167 °C | 663 °C | 1:00



**Square Bowl, Double Curve**

8648: 11.8" × 11.8" × 2.1"  
(30 × 30 × 5 cm)

▶ 167 °C | 663 °C | 1:00



**Four-Square Dish**

8935: 6.7" × 6.7" × 0.9"  
(17 × 17 × 2 cm)

▶ 167 °C | 671 °C | 1:00



**Circle in Square**

8453: 5.9" × 5.9" × 1.6"  
(15 × 15 × 4 cm)

▶ 167 °C | 677 °C | 1:30



**Yin-Yang Plate**

8341: 11.4" × 11.4" × 0.9"  
(29 × 29 × 2 cm)

▶ 139 °C | 685 °C | 1:30



**Square Slumper A**

8636: 4.5" × 4.5" × 0.8"  
(12 × 12 × 2 cm)

▶ 167 °C | 638 °C | 0:05

8635: 8.5" × 8.5" × 1.5"  
(22 × 22 × 4 cm)

▶ 167 °C | 638 °C | 0:05

8634: 10.1" × 10.1" × 1.9"  
(26 × 26 × 5 cm)

▶ 167 °C | 638 °C | 0:05

8637: 12" × 12" × 2.2"  
(30 × 30 × 6 cm)

▶ 167 °C | 638 °C | 0:05

8739: 15.9" × 15.9" × 2.8"  
(40 × 40 × 7 cm)

▶ 167 °C | 627 °C | 0:05



**Square Slumper B**

8998: 3.4" × 3.4" × 0.9"  
(9 × 9 × 2 cm)

▶ 167 °C | 649 °C | 0:10

8997: 5.2" × 5.2" × 1.3"  
(13 × 13 × 3 cm)

▶ 167 °C | 649 °C | 0:10

8996: 6.1" × 6.1" × 1.1"  
(16 × 16 × 3 cm)

▶ 167 °C | 649 °C | 0:10

8995: 6.8" × 6.8" × 1.6"  
(17 × 17 × 4 cm)

▶ 167 °C | 649 °C | 0:10



**Square Plate**

8901: 3.3" × 3.3" × 0.8"  
(8 × 8 × 2 cm)

▶ 167 °C | 677 °C | 1:30

8900: 5.3" × 5.3" × 1"  
(13 × 13 × 3 cm)

▶ 167 °C | 671 °C | 1:30

8899: 6.3" × 6.3" × 0.9"  
(16 × 16 × 2 cm)

▶ 167 °C | 663 °C | 1:30



**Square Platter**

8638: 9.6" × 9.6" × 0.8"  
(25 × 25 × 2 cm)

▶ 167 °C | 677 °C | 1:30

8641: 11.9" × 11.9" × 0.8"  
(30 × 30 × 2 cm)

▶ 167 °C | 671 °C | 1:15



**Square Nesting Plate**

8757: 5.5" × 5.5" × 0.9"  
(14 × 14 × 2 cm)

▶ 167 °C | 663 °C | 0:30

8758: 7" × 7" × 0.8"  
(18 × 18 × 2 cm)

▶ 167 °C | 663 °C | 0:20

8759: 8.6" × 8.6" × 1"  
(22 × 22 × 3 cm)

▶ 167 °C | 663 °C | 0:20

## Lamp Benders & Candle Bridges



**Flat Slumper**

8972: 10.6" × 10.6" × 1.1"  
(27 × 27 × 3 cm)

▶ 167 °C | 632 °C | 0:05



**Origami**

7968: 6.375" × 6.375" × 1.3125"  
(16 × 16 × 3 cm)

▶ 167 °C | 663 °C | 0:45

7969: 8.0625" × 8.0625" × 1.625"  
(20 × 20 × 4 cm)

▶ 167 °C | 663 °C | 0:30



**One Candle Bridge**

8903: 7.2" × 5.1" × 2"  
(18 × 13 × 5 cm)

▶ 167 °C | 677 °C | 1:30



**Lamp Bender Conic**

8740: 12.2" × 10.4" × 3.8"  
(31 × 27 × 10 cm)

▶ 111 °C | 649 °C | 0:15



**Lamp Bender**

8964: 6" × 4.9" × 2.1"  
(15 × 12 × 5 cm)

▶ 111 °C | 649 °C | 0:20

8725: 10.1" × 8.5" × 3.7"  
(26 × 22 × 10 cm)

▶ 167 °C | 649 °C | 0:20



**Four Candle Bridge**

8902: 12.4" × 5.7" × 1.6"  
(32 × 15 × 4 cm)

▶ 139 °C | 671 °C | 1:45

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## Platters, Trays & Casting Molds



**Small Rectangle**

8945: 9.5" × 5.4" × 1.5"  
(24 × 14 × 4 cm)

▶ 167 °C | 677 °C | 1:15



**Medium Rectangle**

8949: 11.4" × 9.1" × 1.3"  
(29 × 23 × 3 cm)

▶ 167 °C | 663 °C | 0:45



**Party Platter**

8539: 19.8" × 12.8" × 1.8"  
(50 × 33 × 5 cm)

▶ 167 °C | 663 °C | 1:45



**Serving Tray**

8947: 14.8" × 9" × 0.9"  
(38 × 23 × 2 cm)

▶ 139 °F | 663 °F | 1:20



**Oval in Rectangle**

8454: 9.1" × 6.1" × 1.5"  
(23 × 16 × 4 cm)

▶ 167 °C | 677 °C | 1:30



**Soft Edge Platter Long**

8962: 14" × 9.4" × 0.9"  
(36 × 24 × 2 cm)

▶ 167 °C | 663 °C | 1:00



**Soap Dish**

8981: 6" × 4" × 0.8"  
(15 × 10 × 2 cm)

▶ 167 °C | 657 °C | 1:00



**Simple Curve**

8642: 15.6" × 13.1" × 2.8"  
(40 × 33 × 7 cm)

▶ 167 °C | 632 °C | 0:05



**Very Gentle Curve**

8982: 18" × 18" × 2.3"  
(46 × 46 × 6 cm)

▶ 167 °C | 627 °C | 0:05



**Snack Tray**

8961: 9.8" × 6.7" × 1.2"  
(25 × 17 × 3 cm)

▶ 167 °C | 677 °C | 1:30



**Pyramid Mold**

8948: 6.7" × 6.7" × 4.7"  
(17 × 17 × 12 cm)

See *Mold Tips: Pyramid Mold*



**Heart Mold**

8976: 3.9" × 3.5" (10 × 9 cm)

See *Mold Tips: Heart Mold*



**Double Curve**

8960: 9.4" × 8.7" × 1.7"  
(24 × 22 × 4 cm)

▶ 167 °C | 660 °C | 0:10

8643: 15.9" × 13.6" × 2.9"  
(40 × 35 × 7 cm)

▶ 167 °C | 657 °C | 0:10



**Channel Plate**

8456: 12.6" × 4.1" × 1.4"  
(32 × 10 × 4 cm)

▶ 111 °C | 649 °C | 0:25

8944: 17.1" × 4.8" × 1.6"  
(44 × 12 × 4 cm)

▶ 111 °C | 649 °C | 0:15

8257: 22.6" × 6.9" × 2.4"  
(57 × 18 × 6 cm)

▶ 111 °C | 649 °C | 0:10



**Rectangular Slumper**

8924: 12.2" × 7.4" × 1.7"  
(31 × 19 × 4 cm)

▶ 167 °C | 649 °C | 0:05

8925: 14.8" × 7.4" × 1.7"  
(38 × 19 × 4 cm)

▶ 167 °C | 649 °C | 0:05

8929: 16.5" × 11.9" × 2"  
(42 × 30 × 5 cm)

▶ 167 °C | 632 °C | 0:05

## Discontinued Styles



**Saturn Dessert Plate**

8939: 11.3" × 0.7" × 5"  
(29 × 2 × 13 cm)

▶ 167 °C | 663 °C | 1:30



**Ball Surface**

8745: 21.7" × 4.2" (55 × 11 cm)

▶ 111 °C | 632 °C | 0:05



**Square Slumper A**

8938: 20.9" × 20.9" × 3.7"  
(53 × 53 × 9 cm)

▶ 83 °C | 627 °C | 0:05



**Square Platter**

8646: 14.8" × 14.8" × 0.8"  
(38 × 38 × 2 cm)

▶ 139 °C | 663 °C | 1:30



**Soft Edge Four Square Platter**

8342: 14" × 14" × 1.2"  
(36 × 36 × 3 cm)

▶ 167 °C | 663 °C | 2:20



**Concave Dish**

8933: 13.9" × 9.5" × 1.7"  
(35 × 24 × 4 cm)

▶ 167 °C | 663 °C | 0:45



**Convex Dish**

8932: 13.5" × 9.7" × 1.4"  
(34 × 25 × 4 cm)

▶ 167 °C | 663 °C | 0:45

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