

**BencoDental™**

# LAB STONES

## COMPARISON CHART



**NEW  
PRODUCT**

### BASE STONE

**USE:** Crown and bridge, porcelain, implants, cast partials, precision cases

- High compressive strength
- Ample working time
- Moderate expansion (0.15%)

**Color:** Pink

**Setting Time:** 60-90 Seconds

**Water/powder ratio:** 23ml/100g

**Compressive strength:** 14,000 psi

**Expansion rate:** 0.15%

**[6163-751]** Express Stone Pink 25lb

### BASE STONE

**USE:** Full or partial denture models, flasking, basing crown and bridge models

- All-purpose model stone
- Smooth, strong casts
- Low expansion (0.12%) for accuracy

**Color:** Buff

**Setting Time:** 13-15 Min

**Water/powder ratio:** 30ml/100g

**Compressive strength:** 9,000 psi

**Expansion rate:** 0.12%

**[6163-724]** Buff Stone Golden 25lb

**NEW  
PRODUCT**

**NEW  
PRODUCT**

### BASE STONE

**USE:** Full or partial denture models, flasking, basing crown and bridge models

- Fast setting model stone
- Smooth, strong casts
- Low expansion (0.12%) for accuracy

**Color:** Golden

**Setting Time:** 10-12 Min

**Water/powder ratio:** 30ml/100g

**Compressive strength:** 9,000 psi

**Expansion rate:** 0.12%

**[6163-733]** Fast Stone Golden 25lb

**[6163-742]** Fast Stone Golden 47.5lb

### DIE STONE

**USE:** Crown and bridge, porcelain, implants, cast partials, precision cases

- High surface abrasion resistance
- Works well with all impression material
- Captures every detail

**Color:** Peach

**Setting Time:** 12-15 Min

**Water/powder ratio:** 22ml/100g

**Compressive strength:** 18,000 psi

**Expansion rate:** 0.09%

**[6163-760]** Die Stone Peach 25lb

**[6163-788]** Die Stone Peach 47.5lb

**NEW  
PRODUCT**



**BencoDental**

# LAB STONES

## COMPARISON CHART



### BASE STONE

**USE:** Basing crown and bridge models

- Bubble Free
- Smooth models
- Perfect flowable stone

**Color:** Buff

**Setting time:** 9-11 Min

**Water/powder ratio:** 23ml/100g

**Compressive strength:** 12,500 psi

**Expansion rate:** 0.08%

**[5362-421]** Buff Stone FL 25lb

**[5362-430]** Buff Stone FL 50lb

### BASE STONE

**USE:** Full or partial denture models, flasking, basing crown and bridge models

- All purpose model stone
- Smooth
- Strong casts

**Color:** Buff

**Setting time:** 13-15 Min

**Water/powder ratio:** 30ml/100g

**Compressive strength:** 9,000 psi

**Expansion rate:** 0.12%

**[3889-045]** Buff Stone FL 25lb

**[3243-796]** Buff Stone FL 50lb

### BASE STONE

**USE:** Full or partial denture models, denture flasking procedures, and recommended for use in basing crown and bridge models

- Offers the same unique characteristics as our Buff Stone product, with a faster setting time.

**Color:** Buff

**Setting time:** 10-12 Min

**Water/powder ratio:** 30ml/100g

**Compressive strength:** 9,000 psi

**Expansion rate:** 0.12%

**[4182-887]** Fast Buff Stone FL 25lb

**[4180-138]** Fast Buff Stone FL 50lb

### DIE STONE

**USE:** Crown and bridge, porcelain, implants, cast partials, high-precision cases

- Exceptionally tough
- Creamy
- Satin smooth finish
- Low expansion
- Captures every detail

**Color:** White

**Setting time:** 10 Min

**Water/powder ratio:** 23ml/100g

**Compressive strength:** 15,000 psi

**Expansion rate:** 0.09%-0.11%

**[5362-387]** Die Stone Smooth FL 25lb

**[5362-396]** Die Stone Smooth FL 50lb

### DIE STONE

**USE:** Crown and bridge, porcelain, implants, cast partials, high-precision cases

- Exceptionally dense for maximum strength
- Low expansion

**Color:** Tan

**Setting time:** 10-13 Min

**Water/powder ratio:** 20ml/100g

**Compressive strength:** 18,000 psi

**Expansion rate:** 0.08%

**[5362-403]** Die Stone Natural FL 25lb

**[5362-412]** Die Stone Natural FL 50lb

### DIE STONE GREEN

**USE:** Crown and bridge, porcelain, implants, cast partials, high-precision cases

- High surface abrasion resistance
- Works well with impression material
- Captures every detail

**Color:** Green

**Setting time:** 12-15 Min

**Water/powder ratio:** 22ml/100g

**Compressive strength:** 18,000 psi

**Expansion rate:** 0.09%

**[4088-435]** Die Stone Green 25lb

### ORTHO

**USE:** Orthodontic applications

- A high strength plaster
- designed for orthodontic applications
- combines smooth mixing, low expansion, and ample setting time

**Color:** White

**Setting time:** 10-13 Min

**Water/powder ratio:** 35ml/100g

**Compressive strength:** 6,500 psi

**Expansion rate:** 0.12%

**[4088-382]** Ortho Plaster Regular Set 25lb

**[4088-417]** Ortho Plaster Regular Set 50lb

### ORTHO

**USE:** Orthodontic procedures.

- Features the strength and accuracy of a quality base stone, plus special additives give it a brilliant white color.

**Color:** White

**Setting time:** 13-15 Min

**Water/powder ratio:** 30ml/100g

**Compressive strength:** 9,000 psi

**Expansion rate:** 0.12%

**[4088-426]** Ortho Stone 25lb

### PLASTER

**USE:** Articulating and flasking procedures

- Designed for articulating and flasking procedures
- Features smooth mix and excellent working characteristics

**Color:** White

**Setting time:** 13-15 Min

**Water/powder ratio:** 45ml/100g

**Compressive strength:** 3,500 psi

**Expansion rate:** 0.19%

**[4088-337]** Lab Plaster Regular Set 25lb

**[4088-346]** Lab Plaster Regular Set 50lb

### PLASTER

**USE:** Articulating and flasking procedures

- Designed for articulating and flasking procedures
- Features smooth mix and excellent working characteristics

**Color:** White

**Setting time:** 9-11 Min

**Water/powder ratio:** 45ml/100g

**Compressive strength:** 3,500 psi

**Expansion rate:** 0.19%

**[4088-355]** Lab Plaster Fast Set 25lb

**[4088-364]** Lab Plaster Fast Set 50lb