

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