

The most trusted source for gypsums.  
Rock solid.



# Die Stones



## RESINROCK XL5 ISO TYPE 5 Resin-Fortified, Increased-Expansion Die Stone

ResinRock XL5 has the same smoothness and high abrasion resistance you've come to appreciate in ResinRock. However, this ISO Type 5 die stone gives you increased expansion to compensate for shrinkage of vinyl polysiloxane and other rubber-based impression materials.

### PACKAGING

**Bulk**  
25 kg (55 lb.) Carton



## LEANROCK XL5 ISO TYPE 5 Fast Setting, Increased-Expansion Die Stone

Lean Rock XL5, ISO Type 5 die stone, offers increased expansion to compensate for shrinkage of vinyl polysiloxane and other rubber-based impression materials. LeanRock XL5 has the same great qualities as LeanRock which is specifically formulated for laboratories who want to pour small batches (about 6) and have working models ready in 15 minutes.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton  
25 kg (55 lb.) Carton



## HARD ROCK ISO TYPE 5 High-Strength, High-Expansion Die Stone

Hard Rock is a high-strength, high-expansion die stone. The material has a creamy and thixotropic consistency for good flow under vibration, yet is very stackable. It has an extended working time for multiple pours and a smooth non-brittle surface so dies trim easily without chipping.

### PACKAGING

**Bulk**  
25 kg (55 lb.) Carton  
**Preweighed Envelopes**  
120-70 g Package  
(Green only)



## JADE STONE ISO TYPE 5 High-Strength Die Stone

Jade Stone stacks well after mixing yet flows readily under the least vibration. Popular for its smooth jade-like surface, high strength and low setting expansion.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton  
25 kg (55 lb.) Carton  
**Preweighed Envelopes**  
120-70 g Package (Green only)



## PRIMA-ROCK ISO TYPE 4 High-Strength Die Stone

Prima-Rock has the greatest compressive strength of any Whip Mix die material. It possesses excellent abrasion resistance and handling characteristics.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton (Violet and Yellow only)  
25 kg (55 lb.) Carton]  
5 kg (11 lb.) Carton (Violet and Yellow only)  
**Preweighed Envelopes**  
120-70 g Package (Violet and Yellow only)



## ULTIROCK ISO TYPE 4 Premium Die Stone

UltiRock is an exceptionally creamy, hard premium stone for every type of gypsum application. Its smooth non-reflective surface and high durability make trimming full models, ditching dies and scanning easy and reliable. In addition, UltiRock has a silky smooth consistency while mixing and the stone's flowability and precision enable it to reproduce minute detail.

### PACKAGING

**Bulk**  
5 kg (11 lb.) Package  
20kg 4-5kg (44 lb.) Pails  
22 kg (50 lb.) Carton



## RESINROCK ISO TYPE 4 Resin-Fortified, Low-Expansion Die Stone

ResinRock is a unique blend of synthetic resin and improved alpha gypsum that gives unsurpassed smoothness and abrasion resistance with a low setting expansion of 0.08%. Its thixotropic consistency provides easy handling characteristics.

### PACKAGING

- Bulk**
- 2-2.5 kg (11 lb.) Carton (Ivory, Grey, Blue and Peach only)
- 25 kg (55 lb.) Carton
- Preweighed Envelopes**
- 25-70 g Package (Peach and Ivory only)
- 25-70 g Pack (Case of 4) (Peach and Ivory only)



## SILKY-ROCK ISO TYPE 4 Low-Expansion Die Stone

Silky-Rock has a remarkably low setting expansion that guarantees accuracy of dies and master casts. It is known for its easy handling, creamy consistency and silky-smooth surfaces.

### PACKAGING

- Bulk**
- 11 kg (25 lb.) Carton (Yellow, Violet and White only)
- 25 kg (55 lb.) Carton
- Preweighed Envelopes**
- 120-70 g Package (Yellow, Violet and White only)
- 80-140 g Package (Yellow, Violet and White only)



## LEANROCK ISO TYPE 4 Fast Setting, Low-Expansion Die Stone

LeanRock is formulated specifically for pouring small batches and have working models ready in 15 minutes. The decreased processing time also speeds up remakes and those emergency repairs needed in a hurry.

### PACKAGING

- Bulk**
- 11 kg (25 lb.) Carton
- 25 kg (55 lb.) Carton

	Water Powder Ratio (ML water per 100g powder)	Mixing Time (seconds)		Working Time (minutes)	Setting Time (minutes)	Expansion (%)	Compressive Strength Mpa (psi)		Color	ISO
		Mech. Mixing at 350-450 RPM	Manual (Hand Mix)				After 1 hour (wet)	After 48 hrs. (Dry)		
RESINROCK XL5	20	20-30	60-90	5-7	10	.20	49 (7,000)	76 (11,000)	Green Blue Ivory	5
LEANROCK XL5	20	20-30	60-90	4-5	5-7	.20	50 (7,200)	82 (11,900)	Ivory	5
HARD ROCK	21	20-30	60-90	6-8	15	.28	49 (7,000)	104 (15,000)	Aqua Green Ivory	5
JADE STONE	22	20-30	60-90	5-7	10	.18	52 (7,500)	97 (14,000)	Green Blue	5
PRIMA-ROCK	20	20-30	60-90	6-8	12	.13	55 (8,000)	117 (17,000)	Violet Yellow Ivory	4
ULTIROCK	20	20-30	60-90	5-7	10-13	.07	49 (7,200)	76 (11,000)	White Ivory Golden Brown	4
RESINROCK	20	20-30	60-90	5-7	10	.08	49 (7,000)	76 (11,000)	Blue Peach Grey Ivory White Green Golden Brown	4
SILKY-ROCK	23	20-30	60-90	3-6	10	.09	41 (6,000)	90 (13,000)	Yellow Violet White Ivory Light Brown	4
LEANROCK	20	20-30	60-90	4-5	5-7	.08	50 (7,200)	85 (12,300)	Ivory Blue	4

# Specialty Stones



Pink

## SNAP-STONE ISO TYPE 4 High-Strength, Fast-Setting Stone

Snap-Stone is the fastest setting stone available. Ready to use after only 5 minutes, Snap-Stone may be used for vacuumed formed splints, ortho appliances, temporaries, denture repairs, indirect composites and study casts.

### PACKAGING

#### **Bulk**

2-2.5 kg (11 lb.) Carton

11 kg (25 lb.) Carton

22 kg (50 lb.) Carton

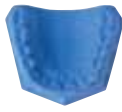
5 kg (11 lb.) Carton

#### **Preweighed Envelopes**

80-140 g Package



White



Blue

## FLOWSTONE FS ISO TYPE 4

Fluid, Low-Expansion Base Stone – 0.08%

FlowStone FS offers a quick setting time of 8 minutes, and provides the same benefits and features as our current FlowStone.

### PACKAGING

#### **Bulk**

22 kg (50 lb.) Carton



White



Buff



Blue

## FLOWSTONE ISO TYPE 4

Fluid, Low-Expansion Base Stone

FlowStone produces accurate, bubble-free bases without vibration, making it ideal for use with base formers. The dense surface resists dowel pin abrasion and its low setting expansion produces a dimensionally stable base for master models.



Light Blue



Light Green

### PACKAGING

#### **Bulk**

22 kg (50 lb.) Carton



White



Blue

## MOUNTING STONE ISO TYPE 3

Low-Expansion, Fast-Setting Stone

Mounting Stone has a very low setting expansion and excellent stacking properties for mounting casts to articulators. It also performs well as a model stone when a rapid set is required.

### PACKAGING

#### **Bulk**

11 kg (25 lb.) Carton

22 kg (50 lb.) Carton

#### **Preweighed Envelopes**

100-100 g Package



White

## BITESTONE ISO TYPE 3

Extremely Fast-Setting

Extremely fast-setting Bitestone is a good choice for mounting casts and locking instruments into position. It also can be used as a model stone when a rapid set is required.

### PACKAGING

#### **Bulk**

11 kg (25 lb.) Carton

22 kg (50 lb.) Carton



Buff

## RAPIDFLASK™ ISO TYPE 3

Pourable Flasking Stone

RapidFlask™ is a flasking stone that is fluid enough to flow without vibration into all areas of the denture wax up, creating an exceptionally accurate reproduction. RapidFlask is fast setting and ready to separate in 20 minutes, allowing multiple pours and improving lean process efficiency in the lab.

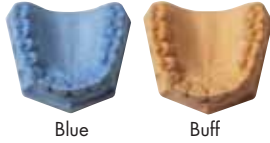
### PACKAGING

#### **Bulk**

22 kg (50 lb.) Carton



# Model Stones



Blue

Buff

## QUICKSTONE LABORATORY STONE ISO TYPE 3

Economical Dental Stone

Quickstone is an economical dental stone with consistent handling properties. Its smooth, creamy mix makes it ideal for a variety of lab procedures.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton  
22 kg (50 lb.) Carton



Golden

White

## MICROSTONE ISO TYPE 3

Premium Dental Stone

Microstone's fine particle size and dense surface make it our finest general purpose laboratory stone. It's especially suited for processing acrylic appliances.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton  
22 kg (50 lb.) Carton  
**Prewriteghed Envelopes**  
80-140 g Package (Golden only)



Super-White

## ORTHODONTIC STONE ISO TYPE 3

Super-White Dental Stone

Orthodontic Stone is a hard, accurate dental stone of super-white color for optimal aesthetics. Its ample working time allows the pouring of multiple models with one mix.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton  
22 kg (50 lb.) Carton



Buff

## BUFF STONE ISO TYPE 3

An economically priced Type 3 gypsum for all general purpose lab uses. Buff stone features an extended working time which allows technicians to do multiple pours of models or bases.

### PACKAGING

**Bulk**  
11 kg (25 lb.) Carton  
22 kg (50 lb.) Carton

	Water Powder Ratio (ML water per 100g powder)	Mixing Time (seconds)			Expansion (%)	Compressive Strength Mpa (psi)		Color	ISO	
		Mech. Mixing at 350-450 RPM	Manual (Hand Mix)	Working Time (minutes)		Setting Time (minutes)	After 1 hour (wet)			After 48 hrs. (Dry)
<b>SPECIALTY STONES</b>										
SNAP-STONE*	23	0	10-15	60-90 sec.	2	.15	41 (6,000)	97 (14,000)	Pink	4
FLOWSTONE FS	22-24	20-30	60-90	2-3	4-6	.08	41 (6,000)	83 (12,000)	White Blue	4
FLOWSTONE	22-24	20-30	60-90	6-9	12	.08	41 (6,000)	83 (12,000)	White Buff Blue Light Blue Light Green	4
MOUNTING STONE*	26	0	30-45	2-3	5	.08	32 (4,600)	59 (8,500)	White Blue	3
BITESTONE	29	0	10-15	10-60 sec.	1-3	.15	22 (3,300)	49 (7,000)	White	3
RAPID FLASK	35	20-30	NA	2-3	5-7	.10	25 (3,500)	52 (7,200)	Buff	3
<b>MODEL STONES</b>										
QUICKSTONE	28	20-30	60-90	3-5	10	.14	27 (4,000)	55 (8,000)	Buff Blue	3
MICROSTONE	28	20-30	60-90	5-7	13	.12	31 (4,500)	59 (8,500)	Golden White	3
ORTHODONTIC STONE	28	20-30	60-90	5-7	10	.09	31 (4,500)	59 (8,500)	White	3
BUFF STONE	30	20-30	60-90	6-8	15	.15	28 (4,000)	56 (8,000)	Buff	3

\* Clinically Common Products

# Plasters



Super-White

## ORTHODONTIC PLASTER ISO TYPE 2

Super-White Dental Plaster

Developed specifically for orthodontic use, Orthodontic Plaster is harder and whiter than ordinary plaster. It has a long working time and trims easily.

### PACKAGING

**Bulk**  
9 kg (20 lb.) Carton  
22 kg (50 lb.) Carton



White

## LABORATORY PLASTER ISO TYPE 2

Regular and Fast Set

An economical, white plaster formulated for all-around laboratory use. (Available in both regular set and fast set.)

### PACKAGING

**Bulk**  
9 kg (20 lb.) Carton  
22 kg (50 lb.) Carton



White

## MOUNTING PLASTER ISO TYPE 1

Quicksetting, Low-Strength, Low-Expansion

A specially formulated plaster which offers a low setting expansion and fast setting time. Its low compressive strength allows mounting plates to be easily cleaned.

### PACKAGING

**Bulk**  
9 kg (20 lb.) Carton  
22 kg (50 lb.) Carton  
**Preweighed Envelopes**  
100-100 g Package

	Water Powder Ratio (ML water per 100g powder)	Mixing Time (seconds)			Working Time (minutes)	Setting Time (minutes)	Expansion (%)	Compressive Strength Mpa (psi)		Color	ISO
		Mech. Mixing at 350-450 RPM	Manual (Hand Mix)					After 1 hour (wet)	After 48 hrs. (Dry)		
ORTHODONTIC PLASTER	37	20-30	60-90	7-9	14	.20	25 (3,500)	45 (6,500)	White	2	
LABORATORY PLASTER Regular Set	45	20-30	60-90	5-7	14	.20	10 (1,500)	23 (3,300)	White	2	
LABORATORY PLASTER Fast Set	45	20-30	60-90	2-4	9	.20	10 (1,500)	23 (3,300)	White	2	
MOUNTING PLASTER	63	Ø	20-30	60-90 sec.	3	.09	4 (640)	12 (1,800)	White	1	



## New Design, New Standard.

Introducing our new state-of-the-art preweighed envelopes with improved material structure and seal design. The new design far surpasses previous packaging in strength and resistance to humidity and air leaks.

# Polishing Medium

## DAZZLE PS

Pumice Substitute for Polishing Acrylic

Dazzle PS is specially formulated with unique abrasives to cut faster and smoother than pumice. And unlike pumice which holds moisture, Dazzle PS dries quickly when not in use, eliminating odors and providing for a more sanitary work environment. Its fine-grain powder is also easier on the hands when polishing dentures and appliances.

PACKAGING

**Bulk**  
9 kg (20 lb.) Carton



## PUMICE

Whip Mix Pumice is available in several grades, from very coarse to flour of pumice, to satisfy all polishing requirements. A variety of economical package sizes help offset the cost of frequently changing pumice between cases. Available in Coarse or Medium.

PACKAGING

**Bulk**  
1.6 kg (3.5 lb.) Package  
9 kg (20 lb.) Carton  
22 kg (50 lb.) Carton

## PUMICE PREPPIES™

Unit Dose Flour of Pumice Paste

Preppies contain no oils, flavorings or fluoride so there's no residue left on tooth surfaces that might affect bond strength. Each two-gram cup provides enough flour of pumice paste for a single use thus providing increased infection control.

PACKAGING

Jar of 100 two-gram cups



## Our Reputation is Cast in Stone.

For great restorations, you need a strong foundation. Our extensive line of quality gypsum products mix smoothly, flow freely and set with a superior surface for accurate dies and casts.

Plus, we test every batch of gypsum to ensure our customers receive the most reliable and consistent products available. You can count on the consistency and accuracy of the setting time, setting expansion and strength of every batch of Whip Mix gypsums you purchase.



Rely on Whip Mix as your technical resource.

Our knowledgeable Whip Mix representatives and technical staff have been trained on how to use all of our products. In addition we will help you select equipment, show you how to successfully incorporate techniques and new materials into your practice, and provide parts and service when needed.

Visit [whipmix.com/technical-support](http://whipmix.com/technical-support) for:

- Webinars presented monthly and taped for viewing at your convenience
- Use and care videos for many products
- Product instructions
- Schematic drawings
- Part identification
- And more!



*more reasons. one source*

Free samples and  
special promotions at  
[www.whipmix.com](http://www.whipmix.com)

Whip Mix Corporation • 361 Farmington Ave. • Louisville, Kentucky • 40209  
800-626-5651 • Phone: 502-637-1451