The most trusted source for gypsums.
Rock solid.
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
15 kg (33lb.) 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
15 kg (33lb.) 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
15 kg (33lb.) Carton

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
15 kg (33lb.) 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
15 kg (33lb.) 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
15 kg (33lb.) 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)
- **Preweighed Envelopes**: 15 kg (33lb.) Carton

### 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**: 15 kg (33lb.) 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**: 15 kg (33lb.) Carton

### Table

<table>
<thead>
<tr>
<th></th>
<th>Water Powder Ratio (ML water per 100g powder)</th>
<th>Mixing Time (seconds)</th>
<th>Manual (Hand Mix)</th>
<th>Working Time (minutes)</th>
<th>Setting Time (minutes)</th>
<th>Expansion (%)</th>
<th>Compressive Strength Mpa (psi)</th>
<th>Color</th>
<th>ISO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RESINROCK XL5</strong></td>
<td>20</td>
<td>20–30</td>
<td>60–90</td>
<td>5–7</td>
<td>10</td>
<td>.20</td>
<td>49 (7,000)</td>
<td>Green, Grey, Blue, Peach</td>
<td>5</td>
</tr>
<tr>
<td><strong>LEANROCK XL5</strong></td>
<td>20</td>
<td>20–30</td>
<td>60–90</td>
<td>4–5</td>
<td>5–7</td>
<td>.20</td>
<td>50 (7,200)</td>
<td>Ivory</td>
<td>5</td>
</tr>
<tr>
<td><strong>HARD ROCK</strong></td>
<td>21</td>
<td>20–30</td>
<td>60–90</td>
<td>6–8</td>
<td>15</td>
<td>.28</td>
<td>49 (7,000)</td>
<td>Aqua, Green, Ivory</td>
<td>5</td>
</tr>
<tr>
<td><strong>JADE STONE</strong></td>
<td>22</td>
<td>20–30</td>
<td>60–90</td>
<td>5–7</td>
<td>10</td>
<td>.18</td>
<td>52 (7,500)</td>
<td>Green</td>
<td>5</td>
</tr>
<tr>
<td><strong>PRIMA-ROCK</strong></td>
<td>20</td>
<td>20–30</td>
<td>60–90</td>
<td>6–8</td>
<td>12</td>
<td>.13</td>
<td>55 (8,000)</td>
<td>Violet, Ivory</td>
<td>4</td>
</tr>
<tr>
<td><strong>RESINROCK</strong></td>
<td>20</td>
<td>20–30</td>
<td>60–90</td>
<td>5–7</td>
<td>10</td>
<td>.08</td>
<td>49 (7,000)</td>
<td>Blue, Peach, Grey, Ivory, Golden Brown</td>
<td>4</td>
</tr>
<tr>
<td><strong>SILKY-ROCK</strong></td>
<td>23</td>
<td>20–30</td>
<td>60–90</td>
<td>3–6</td>
<td>10</td>
<td>.09</td>
<td>41 (6,000)</td>
<td>Yellow, White, Ivory, Golden Brown</td>
<td>4</td>
</tr>
<tr>
<td><strong>LEANROCK</strong></td>
<td>20</td>
<td>20–30</td>
<td>60–90</td>
<td>4–5</td>
<td>5–7</td>
<td>.08</td>
<td>50 (7,200)</td>
<td>Ivory, Blue</td>
<td>4</td>
</tr>
</tbody>
</table>
**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.

**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.

**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.

**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.

**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.

**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.
### Model Stones

#### 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.

<table>
<thead>
<tr>
<th>Water Powder Ratio (ML water per 100g powder)</th>
<th>Mixing Time (seconds)</th>
<th>Compressive Strength Mpa (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mech. Mixing at 350–450 RPM</td>
<td>After 1 hour (wet)</td>
</tr>
<tr>
<td>SPECIALTY STONES</td>
<td>Manual (Hand Mix)</td>
<td></td>
</tr>
<tr>
<td>SNAP-STONE*</td>
<td>23</td>
<td>41 (6,000)</td>
</tr>
<tr>
<td>FLOWSTONE FS</td>
<td>24</td>
<td>41 (6,000)</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>Water Powder Ratio (ML water per 100g powder)</th>
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<tr>
<td></td>
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<td>After 1 hour (wet)</td>
</tr>
<tr>
<td>FLOWSTONE</td>
<td>24</td>
<td>41 (6,000)</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>Water Powder Ratio (ML water per 100g powder)</th>
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<tr>
<td></td>
<td>Mech. Mixing at 350–450 RPM</td>
<td>After 1 hour (wet)</td>
</tr>
<tr>
<td>ORTHODONTIC STONE</td>
<td>24</td>
<td>41 (6,000)</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>Water Powder Ratio (ML water per 100g powder)</th>
<th>Mixing Time (seconds)</th>
<th>Compressive Strength Mpa (psi)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Mech. Mixing at 350–450 RPM</td>
<td>After 1 hour (wet)</td>
</tr>
<tr>
<td>MOUNTING STONE*</td>
<td>26</td>
<td>32 (4,600)</td>
</tr>
</tbody>
</table>

**PACKAGING**

- **Bulk**: 15 kg (33lb.) Carton
- **Preweighed Envelopes**: 80-140 g Package (Golden only)

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* Clinically Common Products
Plasters

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.

<table>
<thead>
<tr>
<th>Water Powder Ratio (ML water per 100g powder)</th>
<th>Mixing Time (seconds)</th>
<th>Compressive Strength Mpa (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORTHODONTIC PLASTER</td>
<td>37</td>
<td>25 (3,500) 45 (6,500)</td>
</tr>
<tr>
<td>LABORATORY PLASTER Regular Set</td>
<td>45</td>
<td>10 (1,500) 23 (3,300)</td>
</tr>
<tr>
<td>LABORATORY PLASTER Fast Set</td>
<td>45</td>
<td>10 (1,500) 23 (3,300)</td>
</tr>
<tr>
<td>MOUNTING PLASTER ISO TYPE 1</td>
<td>63</td>
<td>4 (640) 12 (1,800)</td>
</tr>
</tbody>
</table>

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.)

<table>
<thead>
<tr>
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<td>4 (640) 12 (1,800)</td>
</tr>
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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.

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.

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.

PUMICE PREPPIES™
Unit Dose Flour of Pumice Paste
Gluten Free! 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.

PREPPIES PLUS®
Unit Dose Flour of Pumice Paste with Chlorhexidine
Gluten Free! Preppies Plus® pumice paste has been specifically formulated with 2.0% Chlorhexidine gluconate. Contains no fluoride, oils, or added flavoring agents. Each cup provides enough flour of pumice paste for a single patient.

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 standards 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 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!

Whip Mix Corporation • 361 Farmington Ave. • Louisville, Kentucky • 40209
502-637-1451 • 800-626-5651 • Fax: 502-634-4512

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