Welcome to Premix-Marbletite (PMM)

Established in 1955 and operating two manufacturing plants in Florida, we are the oldest manufacturer of stucco, plaster pool and roof tile adhesive products in the Southeastern United States. Our manufacturing facilities are located in Pompano Beach and Winter Springs, Florida; and, coming soon to Texas. These locations are geographically positioned to allow us to efficiently produce and serve a broad product mix to our customers throughout the United States. PMM remains focused on developing and marketing products that provide the best value. Keeping advanced installation compliance practices in mind, we strive to produce maintenance free, user and environmentally friendly products.

PMM's Corporate Mission

Premix-Marbletite supports its customers by providing superior products and services of exceptional value. Our Research and Development is continuously developing cutting-edge products for a variety of industries. PMM is constantly striving to provide added value to exceed our customers expectations in quality, on-time delivery and customer service.

Our Mission Is To Exceed Our Customers Expectations

• Founded in 1955 - In Business for Over 60 years
• State-of-the-Art Products, Service and Support
• We Make It Easy To Do Business
Exposure Aggregate Pool Finishes

Marquis is a factory blended mixture of polymer modified cement, quartz aggregates and various admixes specifically designed for the interior of swimming pools.

- Durability for long term performance
- Slip resistant for safety
- Ease of maintenance

### Non-Pigmented (Pre-Blended)

- Bluestone
- Miami Blue
- Oyster
- Sapphire
- Natural
- Marina
- Pool Quartz

### Pigmented (Pre-Blended)

- Antigua
- Azure
- Charcoal
- Dune
- Emerald Isle
- Maui
- Midnight Blue
- Panama
- Pewter
- St. Thomas
- Tahiti
- Tahoe

*Custom colors also available- minimum quantities required.
*Printed color samples are represented as accurately as printing processes permit. Actual colors may vary.
Quality Products for Quality Projects

Marquis Magic

14 Designer Colors
Sparkling Pool Finishes

Marquis Magic is a factory blended mixture of polymer modified cement, quartz aggregates and various admixes with added crystals that make pools shimmer.

- Smooth Finish
- Durability for long term performance
- Slip resistant for safety
- Ease of maintenance

### Color Options

<table>
<thead>
<tr>
<th>Non-Pigmented</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluestone</td>
<td>Antiqua</td>
</tr>
<tr>
<td>Marina</td>
<td>Azure</td>
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<tr>
<td>Miami Blue</td>
<td>Charcoal</td>
</tr>
<tr>
<td>Natural</td>
<td>Dune</td>
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<tr>
<td>Oyster</td>
<td>Emerald Isle</td>
</tr>
<tr>
<td>Pool Quartz</td>
<td>Maui</td>
</tr>
<tr>
<td>Natural</td>
<td>Midnight Blue</td>
</tr>
<tr>
<td>Pool Quartz</td>
<td>Pananma</td>
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<td>Oyster</td>
<td>Pewter</td>
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<tr>
<td>Pool Quartz</td>
<td>St. Thomas</td>
</tr>
<tr>
<td>Oyster</td>
<td>Tahiti</td>
</tr>
<tr>
<td>Pool Quartz</td>
<td>Tahoe</td>
</tr>
<tr>
<td>Natural</td>
<td>Tropical Blue</td>
</tr>
<tr>
<td>Base Mix</td>
<td></td>
</tr>
</tbody>
</table>

*Custom colors also available- minimum quantities required.

*Printed color samples and aggregate sizes are represented as accurately as printing processes permit. Actual colors may vary.
Freestone is a factory blended mixture of white cement, naturally tumbled small pebbles and various admixes specifically designed for the interior of swimming pools.

- Natural beauty provided by nature’s polishing process
- Ease of application and maintenance
- A non-abrasive surface

### Non-Pigmented (Pre-Blended)

- **Classic Gold**
- **Oslo**
- **Emerald Isle**
- **Pewter**
- **Tropical Blue**

### Pigmented (Pre-Blended)

- **Antigua**
- **Azure**
- **Charcoal**
- **Dune**
- **Panama**
- **Maui**
- **Midnight Blue**
- **Tahiti**
- **Tahoe**
- **St. Thomas**

*Custom colors also available - minimum quantities required.*

*Printed color samples and aggregate sizes are represented as accurately as printing processes permit. Actual colors may vary.*
Crystal is a finish of colored quartz and polymer enriched cement that delivers a level of bright white like no other finish. A smooth yet rugged pool surface that stands up to challenging pool environments, all while delivering a slip resistant finish that is easy on fingers, toes and swimsuits.

*Custom colors also available—minimum quantities required.

*Printed color samples and aggregate sizes are represented as accurately as printing processes permit. Actual colors may vary.
HydroGlass is a base mix program of factory blended polymer modified cement, multi-color polished glass and various admixes specifically designed for the interior of swimming pools.

- Finished polished surface is extra smooth
- Application time is half of standard glass bead effect finishes

**Non-Pigmented**

<table>
<thead>
<tr>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Mix</td>
</tr>
<tr>
<td>Dune</td>
</tr>
<tr>
<td>Midnight Blue</td>
</tr>
<tr>
<td>St. Thomas</td>
</tr>
<tr>
<td>Charcoal</td>
</tr>
<tr>
<td>Pewter</td>
</tr>
</tbody>
</table>

*Custom colors also available—minimum quantities required.

*Printed color samples and aggregate sizes are represented as accurately as printing processes permit. Actual colors may vary.
**Molds & Mosaics**

- Create original mosaics at a fraction of the price of traditional pre-fabricated mosaics
- Pro Kits have multiple use molds to customize each mosaic per customer preferences
- DIY Kits available with one time use mold

Mosaics can also be used for:
- Countertops, Stepping Stones, Garden Paths

Kit includes:
- White Mosaic Base Mix (5 lb.)
- White Thinset (1 lb.)
- Blue Glass Chips (6 oz.)
- Green Glass Chips (4 oz.)
- Brown Glass Chips (3 oz.)

*Printed color samples are represented as accurately as printing processes permit. Actual colors may vary.

**Mold Shapes**

- **Large Turtle** 23 x 21 in.
- **Small Turtle** 16 x 14 in.
- **Palm Tree** 14 x 10 in.
- **Dolphin** 29 x 12 in.
- **Seahorse** 23 x 21 in.
- **Sea Lion** 23 x 8 in.
- **Starfish** 13 x 13 in.
- **Specialty Aggregate Mix**

Specialty Aggregate chip mixes available, including MoonGems™ Glow-in-the-Dark Aggregates.
MoonGems™ are aggregates that glow-in-the-dark and are charged by the sun and/or UV lights.

- In optimum lighting conditions, glow can last for up to 15 hours
- Best performance with UV pool lights
- Effortlessly added to any pool finish, mosaic mold or decorative structures like steps and tile borders

*Printed color samples and aggregate sizes are represented as accurately as printing processes permit. Actual colors may vary. Background light will affect luminosity of MoonGems™ and best results require a UV/black light installed in pool or spa.
Color Solutions
Custom Pool Finishes

Mix & Match

Step 1: Choose a Base

Marquis Base Mix
Marquis Magic Base Mix
Freestone Base Mix

Step 2: Choose a Color/Quartz Accent

Color Solutions Pigment Powder

Antigua
Azure
Charcoal
Dune
Emerald Isle
Maui
Midnight Blue
Panama
Pewter
St. Thomas
Tahiti
Tahoe
Tropical Blue

Quartz

Black
Small & Large
Blue
Small, Large & Extra Large
Gold
Small
Teal
Small, Large & Extra Large

This easy-to-use water-soluble powder pigment is a mineral based formula of inorganic cobalt that brings brilliant color as well as durability and strength to any pool finish.

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PMM Bond-Tite is a two component factory blended mixture of liquid resin and modified cement, aggregates and various admixtures – specifically designed as a bond or scratch coat to bond pool plaster over existing plaster finishes. The complete Bond-Tite System consists of two 65 lb. bags of Bond-Tite Dry Mix and one 5 gallon container of Bond-Tite Liquid Resin to be mixed at the job site.

- 2 Component System
- Superior bonding with most cementitious surfaces
- Superior elongation that allows for minor movements of substrates
- When renovating pool, Bond-Tite gives max protection delamination
**No Acid or Toxic Waste**

The EnviroFinish Polisher is a low speed portable polisher that eliminates the need to acid wash new pool finishes. 5-10 gallons of acid are used in typical pool acid washes; that translates to 200-300 gallons of toxic water being flushed into our water systems before a pool is complete. With the EnviroFinish System and EnviroFinish Polisher, there is No Acid, No Disposal and No Residue.

Technical Specifications
- Power input: 350 W
- Speed: 4000 – 10000 RPM
- Voltage main supply: 90 – 240VAC
- Voltage to sander: 22VDC
- Size of pad: 6”
- Orbit: 5 mm

**Plaster Hardener**

PMM Hard Kote is a factory blended mixture of liquid amorphous micro silica and proprietary additives producing a solution that penetrates and densifies existing or freshly set Portland cement-based products such as PMM Plaster, concrete, stucco or swimming pool coatings.

- Reduces or eliminates efflorescence
- Enhances color
- Reduces “plaster dust” in swimming pools
- Increases abrasion resistance
- Reduces surface porosity
- Safe and non-toxic
**DECKorative Concrete Finishes**

A unique and durable 100% acrylic surface coating that can be used to protect and decorate cementitious patios, swimming pool decks, and walkways. It can be applied to new or existing cementitious surfaces as a stand-alone application or used over the DECKrete or DECKtex systems to form a tough, long lasting colorful finish.

DECKote can be applied by brush, roller or as a spray application. With 12 designer colors to choose from, you are sure to find just the right accent to compliment your landscape.

### DECKote Colors

<table>
<thead>
<tr>
<th>Color</th>
<th>Color</th>
<th>Color</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polar White</td>
<td>Pearl White</td>
<td>Beach</td>
<td>Shadow White</td>
</tr>
<tr>
<td>Linen</td>
<td>Powder Grey</td>
<td>Jute</td>
<td>Harvest</td>
</tr>
<tr>
<td>Platinum</td>
<td>Hilltop</td>
<td>Mushroom</td>
<td>Pewter</td>
</tr>
</tbody>
</table>

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Tile & Stone Installation
Thinsets & Grouts

Elastiment products are used for the setting and finish materials for tile, stone, and porcelain.

- Submersible porcelain/glass tile thinset sanded and non-sanded
- 32 designer grout colors available

Elastiment® AP-1 All Purpose Thinset
- Meets and exceeds the requirements of A.N.S.I. A108.5, CTI 64.1, and bond shear requirements of A.N.S.I. A118.4

Elastiment® AP-3 Porcelain Thinset
- Meets and exceeds the requirements of A.N.S.I. A118.4 and A108.5

Submersible Glass & Tile High Performance Thinset
- Sanded & Non Sanded
- Exceeds ANSI A118.4 Shear Bond Strength Requirements & ANSI A118.11. Pools, Waterline, Fountains, Wet Environments

Additional products available at www.boiardiproducts.com

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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Item No 61900Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor 2.25 HP / 120V-60Hz / 15 Amps</td>
</tr>
<tr>
<td>Watts 1750</td>
</tr>
<tr>
<td>RPM 3600</td>
</tr>
<tr>
<td>Blade Capacity 10&quot;</td>
</tr>
<tr>
<td>Arbor 5/8&quot;</td>
</tr>
<tr>
<td>Rip Cut 24&quot; Tile</td>
</tr>
<tr>
<td>Diagonal Cut 18&quot; Tile</td>
</tr>
<tr>
<td>Depth of Cut 3-3/4&quot;</td>
</tr>
<tr>
<td>Size 51&quot; L x 33&quot; W x 45&quot; H (w/stand)</td>
</tr>
<tr>
<td>Weight 96 lbs (w/stand)</td>
</tr>
</tbody>
</table>

ACCESSORIES INCLUDED

- Full coverage splash guard water containment system
- Premium porcelain rated 10" blade
- Fold-out stand with heavy duty wheels
- High volume water pump (#619000-31)
- Laser cutting guide & LED work area light
- Rip/Angle cutting guide
- Side extension table
- 2 wrenches
- Highest grade blued spring steel blade
- Flexible blade bends to almost any curve
- Camel back style wood handle reduces fatigue and increases grip when wet
- Ideal for cutting large format tile including ceramic, porcelain, granite, stone and marble tile
- Rips up to a 24" tile and can diagonally cut a 18" tile
- Adjustable plunging and pivoting motor head for interior cutting, miter cuts and rip/angle cuts
- One year limited warranty

Blue Steel Pool Trowel

- Hardened and tempered stainless steel blade
- Extra short mounting is lightweight but very strong allowing user to flex blade to almost any radius
- Rivets left unground for longer trowel life while flexing blade at very large radius
- Highest grade blued spring steel blade
- Flexible blade bends to almost any curve
- Camel back style wood handle reduces fatigue and increases grip when wet

Chrome No Burn Pool Trowel

- Eliminates burn marks
- Extra hard troweling blade for extra long wear life
- Forged aluminum shanks

Stainless Steel Pool Trowel

- Made of durable acrylic
- Non-slip wood handle reduces fatigue and offers excellent durability
- 90 degree blade angle

Step Tools

- Made of durable acrylic
- Non-slip wood handle reduces fatigue and offers excellent durability
- 90 degree blade angle

Nose Tool

- 497710-2 6" x 5" – 2-1/2" – 1/2" Plexi Glass Nose Step Tool
- 497710-2 6" x 5" – 2-1/2" – 1/2" Plexi Glass Nose Step Tool

Cove Inside Tool

- 497760-2 6" x 5" – 5" – 1/2" Plexi Glass Cove Inside Tool
- 497750-2 6" x 5" – 5" – 3/4" Plexi Glass Cove Inside Tool
- 497770-2 6" x 5" – 5" – 1-1/2" Plexi Glass Cove Inside Tool
Quality Products for Quality Projects

### Stainless Steel Notched Trowels
- Rustproof stainless steel blade
- Large, contoured and cushioned grip handles for comfort
- High quality 11" x 4-1/2" trowel designed for the professional installer
- Durable 230 mm zinc die-cast shank
- Extra handle-to-shank clearance to allow for complete hand rotation
- Longer shank with 9 rivets. First and last rivet reinforced and welded

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>49915Q</td>
<td>1/4&quot; x 1/4&quot; x 1/4&quot; SQ Trowel Notch</td>
<td>(12/cs)</td>
</tr>
<tr>
<td>49916Q</td>
<td>1/4&quot; x 3/8&quot; x 1/4&quot; SQ Trowel Notch</td>
<td>(12/cs)</td>
</tr>
<tr>
<td>49917Q</td>
<td>3/16&quot; x 5/32&quot; V Trowel Notch</td>
<td>(12/cs)</td>
</tr>
<tr>
<td>49919Q</td>
<td>1/2&quot; x 1/2&quot; x 1/2&quot; SQ Trowel Notch</td>
<td>(12/cs)</td>
</tr>
</tbody>
</table>

### Heavy Duty All-Purpose Sponge
- Professional extra large premium sponge for grouting and clean up
- Unique hydrophiliated design provides high water holding capacity
- Rounded edges minimize “digging out” or marring of grout
- 7-1/2" x 5-1/2" x 1.875"

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>70050-24</td>
<td>Heavy Duty All-Purpose Sponge, Individually bagged (24/cs)</td>
<td></td>
</tr>
<tr>
<td>70050-144</td>
<td>Heavy Duty All-Purpose Sponge, Individually bagged in dump display (144/cs)</td>
<td></td>
</tr>
<tr>
<td>70050-6D</td>
<td>Heavy Duty All-Purpose Sponge, Value 6 Pack in dump display (24/cs)</td>
<td></td>
</tr>
<tr>
<td>70050-500</td>
<td>Heavy Duty All-Purpose Sponge, Bulk Bale (500/bale)</td>
<td></td>
</tr>
</tbody>
</table>

### Gum Rubber Grout Float
- Non-stick gum rubber ensures smooth application
- 2- rounded corners prevent gouging of grout joints
- 2- square corners ensure complete grout coverage in corners
- Extra thick aluminum backing plate for maximum leverage and applying grout into joints
- Premium gum rubber laminated to lightweight, closed cell core is built to last

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>10061Q</td>
<td>Gum Rubber Grout Float 9-1/2&quot; x 4&quot;</td>
<td>(12/cs)</td>
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<tr>
<td>10063Q</td>
<td>Gum Rubber Grout Float 12&quot; x 4&quot;</td>
<td>(6/cs)</td>
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</table>

### Scrubbing Sponge
- Professional hydrophiliated grout sponge on one side and scrubbing sponge on the other creates dual usage
- Rounded edges minimize “digging out” or marring of grout
- 7-1/2" x 5-1/4" x 1.875"

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>70070-24</td>
<td>Scrubbing Sponge, Individually bagged (24/cs)</td>
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</table>

### Plastic Mixing Buckets
- Durable white opaque plastic buckets with handles

<table>
<thead>
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<th>Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>78200</td>
<td>5 Gallon Plastic Mixing Bucket - White</td>
<td>(6/cs)</td>
</tr>
<tr>
<td>78208</td>
<td>3-1/2 Gallon Plastic Mixing Bucket - White</td>
<td>(1/cs)</td>
</tr>
<tr>
<td>78201</td>
<td>Pour Spout Lid for 78200, 78217 &amp; 78300</td>
<td>(1/cs)</td>
</tr>
</tbody>
</table>
Swimming Pool Start-Up Procedures

The pool finish will start to hydrate immediately after mixing, with the majority of hydration taking place within the first 28 days. This critical time period is when a finish is most susceptible to staining, scaling and discoloration. Proper start-up procedures including timely brushing and constant monitoring and adjusting of the pool water is mandatory. The following recommended start-up method is based on procedures shown to produce the best aesthetic results. Due to unique local water conditions and environmental factors, parts of these recommended start-up procedures may need to be modified to protect the pool finish. For example: filling the pool with extremely low calcium hardness, low pH or low total alkalinity levels may necessitate changes to these procedures. Brushing and monitored chemical adjustments will be mandatory by the homeowner or trained pool technician during the service life of any pool surface. ALWAYS ADD A CHEMICAL TO WATER, NEVER WATER TO THE CHEMICAL.

POOL FILLING DAY STEPS:

1. Make sure the filtration equipment is operational.
2. Remove all floor return heads and directional eyeballs (if appropriate and recommended in your geographical region).
3. Based on temperature and type of finish, fill the pool to the middle of the skimmer or specified water level without interruption as rapidly as possible with clean potable water to help prevent a bowl ring. Place a clean rag on the end of the hose, always placed in the deepest area, to prevent damage to the surface material. If water truck is required, 24 inches (60 cm) of water should be placed at the deepest area for water cushion. Wheeled devices should not be used in the pool until after 28 days.
4. At no time should any person or pets be allowed in the pool during the fill. Do not allow any external sources of water to enter the pool to help prevent streaking. It is recommended that you do not swim in the pool until the water is properly balanced.
5. Test pH, alkalinity, calcium hardness and metals. Record test results.
6. Start the filtration system immediately when the pool is full to the middle of the skimmer or specified water level.

1st DAY STEPS:

1. Test pH, alkalinity, calcium hardness and metals. Record test results.
2. High alkalinity should be adjusted to 80 ppm using pre-diluted Muriatic Acid (31-33% Hydrochloric acid). Always pre-dilute the acid by adding it to a five gallon (19L) bucket of pool water.
3. Low alkalinity should be adjusted to 80 ppm using sodium bicarbonate (baking soda).
4. pH should be reduced to 7.2 to 7.6 adding pre-diluted Muriatic Acid if the alkalinity is already 80-100 ppm.
5. Brush the entire pool surface thoroughly at least twice daily to remove plaster dust.
6. Although optional, it is highly recommended to pre-dilute and add a quality sequestering agent using the recommended initial start-up dosage and then the recommended maintenance dosage per the sequestering agent’s manufacturer.
7. Operate filtration system continuously for a minimum of 72 hours.
8. DO NOT add chlorine for 48 hours. DO NOT turn on the pool heater until there is no plaster dust in the pool.

2nd DAY STEPS: BRUSH THE POOL

1. Test pH, alkalinity, and calcium hardness, and repeat steps from 1st Day except for Step 6.
2. Once the alkalinity is adjusted to 80ppm and the pH is adjusted to 7.2 to 7.6, then adjust calcium hardness levels to a minimum of 150 ppm. (Caution: Adjustments requiring more than 20 lbs. of CaCl₂ should be pre-diluted and added in 10 lbs. increments- morning and afternoon)

3rd DAY STEPS:

1. Test pH, alkalinity, calcium hardness and repeat 1st Day Steps 1 through 6.
2. Pre-diluted chlorine may now be added to achieve 1.5 to 3ppm. NO SALT SHOULD BE ADDED FOR 28 DAYS.
3. Brush the entire pool surface thoroughly at least twice daily to remove all plaster dust.

4th THROUGH THE 28th DAY:

1. Test pH, carbonate alkalinity, calcium hardness and repeat 1st Day Steps 1 through 5 every day for 14 days to help prevent the scaling of the pool surface.
2. On the 7th day, if there is any plaster dust remaining - remove it using a brush pool vacuum.
3. After the 4th day, calcium levels should be adjusted slowly over the 28 day period not to exceed 200 ppm.
4. After the 4th day, adjust Cyanuric Acid levels to 30 to 50 ppm based on the primary sanitizer of the pool (pre-dissolve and add through the skimmer).

All Above Information from the National Plasterers Council (NPC) • www.npconline.org • (866)483-4672
Daily Water Chemistry and Maintenance

Balanced water chemistry is as critical during the off-season months as it is in season. Water may become aggressive because of rain, snow, and fill water as with regular use of acid to control pH. Adjust your pH and Carbonate Alkalinity frequently; monitor calcium hardness and Cyanuric acid monthly.

Daily Water Chemistry After 28 Days

Maintain the water chemistry using the Langelier Saturation Index (LSI) maintained between 0.0 and +0.3.

- Free Chlorine = 1 to 3 ppm
- pH = 7.2 to 7.6
- Total Chlorine = 1 to 3 ppm
- Carbonate Alkalinity = 80 to 120 ppm
- Calcium Hardness = 200 to 400 ppm
- Cyanuric Acid = 30 to 50 ppm
- TDS = 30 to 1800 ppm (non-salt pools)
- Salt Level = 2500 to 3500 ppm (Salt Chlorination ONLY)
- Sequestering Agent as per Manufacturer’s directions

The Langelier Saturation Index (LSI) must be maintained between 0.0 and +0.3 for day-to-day maintenance after the initial start up procedure has been completed. This will help reduce the likelihood of problems with the pool surface. Disregarding these LSI parameters promotes leaching, etching, and discoloration on the negative (-) side and scaling and discoloration on the positive (+) side.

The Langelier Saturation Index (LSI) =
\[ \text{pH} + \text{Total Alkalinity Factor} + \text{Calcium Hardness Factor} + \text{Temperature Factor} - \text{TDS Factor} \]

Deterioration, discoloration and scaling as a result of the premature or improper use of chemicals and use of chemical feeders are the responsibility of the equipment installer and operator. Feeders other than Oxidation Reduction Potential (ORP) types and pH controllers should not be placed in operation for a minimum of 28 days after the start up.

Failure to follow the manufacturer and/or applicator instructions and to control the LSI may cause deleterious effects, which are not the result of improper workmanship or a manufacturer’s defect.

LSI Calculator

<table>
<thead>
<tr>
<th>TA1 ppm</th>
<th>CH ppm</th>
<th>Temp °F (°C)</th>
<th>Total Dissolved Solids (TDS) ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor</td>
<td>Factor</td>
<td>Factor</td>
<td>Factor</td>
</tr>
<tr>
<td>5 = 0.7</td>
<td>75 = 1.5</td>
<td>32 (0°C) = 0.0</td>
<td>Up to 1000 = 12.10</td>
</tr>
<tr>
<td>25 = 1.4</td>
<td>100 = 1.6</td>
<td>37 (3°C) = 0.1</td>
<td>1000 = 12.19</td>
</tr>
<tr>
<td>50 = 1.7</td>
<td>150 = 1.8</td>
<td>46 (8°C) = 0.2</td>
<td>2000 = 12.29</td>
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<tr>
<td>75 = 1.9</td>
<td>200 = 1.9</td>
<td>53 (12°C) = 0.3</td>
<td>3000 = 12.35</td>
</tr>
<tr>
<td>100 = 2.0</td>
<td>300 = 2.1</td>
<td>60 (16°C) = 0.4</td>
<td>4000 = 12.41</td>
</tr>
<tr>
<td>125 = 2.1</td>
<td>400 = 2.2</td>
<td>66 (19°C) = 0.5</td>
<td>5000 = 12.44</td>
</tr>
<tr>
<td>150 = 2.2</td>
<td>800 = 2.5</td>
<td>76 (24°C) = 0.6</td>
<td></td>
</tr>
<tr>
<td>200 = 2.3</td>
<td>1000 = 2.6</td>
<td>84 (29°C) = 0.7</td>
<td></td>
</tr>
<tr>
<td>300 = 2.5</td>
<td>94 (34°C) = 0.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>400 = 2.6</td>
<td>105 (41°C) = 0.9</td>
<td></td>
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</tbody>
</table>

A calculated LSI of 0.0 is considered balanced. A calculated (-) negative LSI has corrosive tendencies. A calculated (+) positive LSI has scaling tendencies.

**EXAMPLE:**

**POOL WATER CHEMISTRY**

| pH 7.8 | TA 125 | CH 300 | TF 90°F (32°C) | TDS 950 |

**CALCULATED LSI**

| pH = 7.8 | TA Factor1 = 2.1 | CH Factor = 2.1 | Temp Factor = 0.8 | Total = +12.8 |

Subtract TDS Factor -12.1

**LSI =** +0.7 SCALING

**Target calculated 0.0 to +0.3**

Caution: Research has shown that Cyanuric acid levels of 100 ppm (mg/l) and above may cause permanent deterioration to the pool surface. Excessively high calcium hardness and Cyanuric acid levels should be diluted. DILUTION IS THE LOW COST SOLUTION.

These procedures are sound technical practices in the industry and are advisory and non-binding. The National Plasterers Council does not regulate, control, or monitor the acts of its members or others in terms of conformance to any of the guidelines, recommendations, or other information contained in these technical procedures.

1Total Alkalinity - 1/3 Cyanuric Acid = Corrected or Carbonate Alkalinity

2ALWAYS ADD CHEMICAL TO WATER, NEVER WATER TO CHEMICAL. © 2012 National Plasterers Council, Inc.

All Above Information from the National Plasterers Council (NPC) • www.npconline.org • (866)483-4672
Pool Finish Variances

When choosing a pool, there are many factors to consider that will affect the appearance of your pool. Besides the design, shape, and colors you choose, the atmosphere around the pool will all take part in the look and feel of your pool. Pools mirror their surroundings and can look altered during environmental changes.

Please take these factors into consideration:

- Water Chemistry
- Time of Year
- Time of Day
- Sun, Clouds, and Weather
- House Color
- Deck Color
- Pool Tile
- Landscaping
- Size, Shape and Depth of Pool
- Surrounding Surfaces and Buildings
- Patio Furniture

When choosing a pool finish, the first decision should be whether a true blue or blue-green tone is desired. For finishes that give the water a true blue look, select white, blue, or gray bases. For the blue-green tone, select green, tan, black or brown bases. The overall temperature can be affected as well, the darker colors will tend to hold warmth and lighter pools will tend to be cooler.

Cloudy Early Morning  Bright Noon  Early Evening
Premix Marbletite Ten (10) Year Limited Warranty Terms & Conditions

Premix-Marbletite Manufacturing Co. (hereinafter referred to as Premix), warrants its products - Marquis Series, Freestone Series, Crystal Series, HydroGlass Series and Marquis Magic - against failure on a 10 Year Limited Warranty from the date of installation by a professional licensed pool finish applicator. In the event of failure, Premix shall, upon verification, provide Marquis Series, Freestone Series, Crystal Series or Marquis Magic materials to repair the area of failure only.

LIMITATIONS:

NOTE: TO THE EXTENT PERMITTED BY LAW, THERE IS NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. THIS IS A 10 YEAR LIMITED WARRANTY AS SET FORTH HEREIN.

1. This Warranty excludes damage due to defects in workmanship or physical abuse of the pool.
2. Some loss of aggregate is expected, especially in a new installation; this is not to be considered a failure.
3. It is understood that stone itself and application techniques will result in variations in tone and appearance. This variation in pool shades is not to be considered a failure; the Marquis Series, Freestone Series, Crystal Series and Marquis Magic are not warranted with regard to color or stains, topical and or chemical induced.
4. The contractor shall have the right to repair the area of failure only. The Marquis Series, Freestone Series, Crystal Series and Marquis Magic replacement is limited to this repair. It is understood that some cosmetic variation will result.
5. Premix warrants the Marquis Series, Freestone Series, Crystal Series and Marquis Magic material only and is not responsible for labor to repair said material.
6. Subsequent costs such as water replacement, chemicals, land and loss of use of the pool are not covered.
7. This Warranty shall not include pools that have been abused physically or through lack of proper chemical balancing, chlorine applications or other chemical abuses. Damaged caused directly or indirectly by an act of God, including any natural disaster such as hurricane, earthquake, tornado, etc.
8. Delamination, minor surfacing checking, cracks and minor cracks are not covered by this Warranty.
9. This Warranty is non-transferrable.
10. Pool must be checked monthly by a pool retail outlet having water testing capabilities. Computerized records must be present at time of inspection.
11. This warranty is issued jointly to Pool Owner and Contractor. Contractor is the first point of contact regarding any warranty claim. Premix does not provide inspection services and may inspect a pool at a contractor requests and they must be present. Additionally Historical Pool Chemistry Records must be provided for verification.

The Premix warranty is not valid unless this form is completed in full (batch number required) and submitted within thirty (30) days of installation of Marquis Series, Freestone Series, Crystal Series and Marquis Magic material.

This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

POOL WATER CHEMISTRY

It is necessary for the longevity of your pool finish and as a condition of this Warranty, that the following chemical guidelines and Sequestering Agent® levels must be followed and maintained: Sanitizer levels must be maintained in accordance with the manufacturer’s specifications of the sanitizer you are using. (Ex: Free Chlorine = 1 - 3ppm)

- pH 7.2 - 7.6
- Total Alkalinity (TA) 80-120 ppm
- Calcium Hardness (CH) 200-400 ppm
- Cyanuric Acid 40-60 ppm
- Sequestering Agent 10-12 ppm (6 oz. per 10,000 gal of water)
- Salt Water Pools Lower pH to 7.2 weekly (very important)
- Use Sequestering Agent for salt water pools

Pool fill water containing high levels of metals may need to be pre-treated and filtered before being added to your pool. DO NOT stop water while the pool is filling. If adding additional fill hoses, add to the deep end of the pool only. The initial process, including start up chemicals, should be done by a pool professional. This may take several days. Afterwards, balance the pool water to the above noted water parameters. Check the pH several times per week for the first few weeks and add pool acid pre-diluted to the deep end of the pool to lower the pH to 7.0-7.2 range or lower if needed. NEVER allow the pH to rise above 7.6 during the first 30 days. Brush the pool daily for the first 30 days, then as needed. To help prevent metal stains and scaling of the finish and to up-hold your product warranty, you must add the proper amount of the Sequa-Sol® or any leading brand of Sequestering Agent weekly as noted above. After the first 30 days, check the pool water routinely at least once a week or more often and keep the water balanced to the above noted water chemistry parameters. For salt water pools: do not add salt to the pool for the first 30 days. Be sure to add pool acid weekly and lower the pH to 7.2ppm. No pool cleaners without brushes or vacuums with wheels for the first 30 days. Do not add Calcium for the first 60 days; then only if it is below 200ppm.

WARRANTY CLAIM PROCEDURES

To initiate a warranty claim, notify Premix-Marbletite Manufacturing Co., 1259 NW 21st Street, Pompano Beach, FL 33069. Prior to an inspection, Premix-Marbletite Manufacturing Co. must receive by certified mail a brief note describing the complaint and photocopies (do NOT send the originals) of the following:

1. Original “return receipt” as completed at time of application.
2. Historical copies of Pool Water Chemistry test results for 24 recent and successive months.

www.PMMproducts.com
Frequently Asked Questions

What will the color of the finish look like?
Placing the color sample in 6 inches of water will show the approximate final finish. Water is clear but the color is affected by, but not limited to, time of day, sun, clouds, pool screen color, pool tile and landscaping.

How to start up pool after plastering?
PMM is a proud member of National Plasters Council (NPC). PMM recommends the Standard NPC start-up procedure as written on page 22.

Why is water chemistry important?
Water chemistry is critical to the pool finish ensuring the life of the pool plaster. Note on warranty it states how the water is to be maintained. Additional National Plasters Council (NPC) water chemistry recommendations are available on page 23.

How is pool plaster exposed?
Generally there are two types of exposures that applicators produce. One is water and the other is muriatic acid. This is described in the start-up procedure as stated on page 22.

Why is pool prep important on pool renovations?
It is critical to properly clean and prep older plaster to receive and allow a tenacious bond of the new plaster. PMM Bonding Agent BOND-TITE is absolutely mandatory on all pool renovations. By not using PMM Bonding Agent BOND-TITE, you are in jeopardy of affecting your warranty.

What does the warranty cover?
The warranty provides specific information relative to the plaster finish. The warranty in its entirety is printed on page 25. Please read carefully. Any questions, please contact your pool builder and/or applicator.

Does PMM come to jobsites?
PMM does not come to jobsites. Since we are the pool finish manufacturer, we are the experts in the manufacturing of the product. The builders and applicators are the experts in mixing, application, and the finishing of the pool plaster. Should any concerns arise, please contact your builder or applicator.

What is the difference between PMM Pool Finishes and the Competitors?
PMM produces our own quartz and has a strict quality control for all raw materials. In addition, PMM utilizes specialty additives premixed into the plaster that makes for a smoother application and stronger finish of the plaster. PMM also provides extraordinary customer service to our distributors.