



MAR-SPEC

Revised May 2017

TECHNICAL DATA SHEET

SPRAY APPLIED MULTI-COLORED, MULTI-USE PAINT COATING



DESCRIPTION

Marbelite Mar-Spec is a durable fast-drying, waterborne multi-color decorative finish paint for a variety of interior and protected exterior surfaces. **Mar-Spec** is spray applied and resembles the look of natural granite that is visually complex and dimensional. **Mar-Spec** is used to coat properly prepared and primed concrete, cement block, brick, plaster, drywall, paneling, acoustical tile, fiberboard, ceramic, glass, fiberglass, polystyrene foam, metal, plastic, and laminates. **Mar-Spec** may also be applied to polyurea, *Water-Based Epoxy*, or acrylic coatings.

BENEFITS/FEATURES

- ◆ Available in 3 colors, Light Granite, Gray Stone, and Cranberry.
- ◆ Granite-type appearance at a fraction of the cost.
- ◆ Easily applied decorative finish with numerous uses.
- ◆ Affordable, low cost coating.
- ◆ Durable when used with Marbelite's recommended base-coats & sealers.
- ◆ Easy to clean and maintain for a long lasting beautiful finish.
- ◆ VOC compliant for most areas in the United States and Canada.

RECOMMENDED APPLICATIONS

Effective on applications such as...

- ◆ Knock-downs or polymer cement
- ◆ Over foam trim or shapes coated with *StyroCrete®* or *Screed Crete®*
- ◆ Warehouses
- ◆ Garages
- ◆ Basements
- ◆ Countertops
- ◆ Nursing Homes & Hospitals
- ◆ Schools
- ◆ Various vertical surfaces
- ◆ Many other uses may be acceptable.



SPECIFICATIONS/COMPLIANCES

- ◆ Fire Rating: Class A rating (ASTM E-84).
- ◆ Flash Point: N/A Nonflammable.
- ◆ Water Vapor Transmission: Full coat coverage WVP (perms) 2.79 (ASTM D-1653).
- ◆ Flexibility: Excellent. No cracking of film over 1/8" mandrel (ASTM D-1737).
- ◆ Stain Resistance: No Stains from mild acids, chemicals, oils or foods (ASTM D-1308).
- ◆ Abrasion Resistance: Taber abrasion 153.9 mgms. Loss/100 cycles CS-10 Wheel 1000 gms. Weight (ASTMD-4060).
- ◆ Scrub Resistance: 2,350 cycles (ASTM D-2486).
- ◆ Fungal Resistance: No growth (ASTM D-3273).
- ◆ Bacterial Resistance: No growth.
- ◆ Odor: Slight odor.

TECHNICAL INFORMATION

Solids/Active Content, Percentage by weight	Proprietary
Dry Time—Tack Free	2 - 3 hours
Dry Time—Foot Traffic	12 - 24 hours
Dry Time—Heavy Traffic	2 - 3 days
Re-Coat Time Window	12 - 24 hours
Application Temp	60°F - 100°F
Coverage (Varies*)	200 - 800 sq. ft. / gallon
VOC (Volatile Organic Compound) Content	205 grams/Liter
Dry Appearance	Multi-Colored and Matte Gloss
<small>Testing is accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.</small>	

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INSTRUCTIONS FOR USE

SURFACE PREPARATION: Surface must be in good condition and free of efflorescence and contaminants. Surface should be clean and dry. Fill cracks and spalls with *Marbelite Quick Crack Fill*. (See *Quick Crack Fill* technical data prior to use.) **Mar-Spec** can be sprayed directly on certain textured or porous surfaces such as concrete block. Highly porous substrates will decrease spread rate. Prime with appropriate primer, sealer, or stain required for surface.

Substrate and air temperature must be no less than 60°F and not exceed 100°F. Avoid applications during periods of high humidity. If applied outside these limits the coating may not achieve adequate film formation. Note that in direct sunlight, substrate temperature can exceed 150°F which can result in product failure.

MIXING: **Mar-Spec** comes ready to use, if reduction is necessary, add clean water in small increments, until desired viscosity is reached, up to 1 quart per gallon. Do not add thinners, reducers, or solvents which will destroy paint. Prior to use, gently stir **Mar-Spec** with a stir stick. Do not use an electric mixer or vigorous agitation as it will break down the color flecks and change the color.

COVERAGE RATE: *First Coat:* 200—800 ft² per gallon*

*Coverage rates may vary depending upon surface porosity, texture, application technique and film thickness. Excessive build up should be avoided.

APPLICATION: **Mar-Spec** is applied with HVLP (high volume, low pressure) spray equipment. Do not use pressure pot agitation, siphon type, or airless spray equipment. Acceptable equipment examples are: HVLP 4 stage turbine with pressure pot and a 2.00 mm or larger projector set; or an ASME dual regulated pressure pot with an HVLP with a 1.7 to 2.2 mm fluid tip. Remove all filters and strainers from spray equipment. Aim spray gun directly at surface (spraying at an angle will distort the pattern). Maintain a uniform distance of 18" to 24" and spray in horizontal strokes, overlapping each previous stroke by 50%. Crosshatch the same area with vertical strokes to eliminate lap marks and achieve full coverage. Begin stroke before triggering and release trigger before stroke is complete. Final appearance may vary from the standard color pattern due to variations in substrates, equipment, pressure setting, and technique. Only use the product with the same batch number for a specific job. The pattern size may appear smaller over textured surfaces. Flush spray equipment with water immediately after use.

For application on walls: base coat with *Marbelite Stain Seal 500*, in any color from the wide range of color selections. Allow to dry before applying **Mar-Spec**. (See *Stain Seal 500* technical data prior to use.)

For application on floors or countertops: base coat with *Marbelite Water Based Epoxy*, tintable to a variety of colors or use a Marbelite recommended base color. Allow to dry before applying **Mar-Spec**. (See *Water Based Epoxy* technical data prior to use.) Clear seal **Mar-Spec** that has been applied to floors or countertops using one of Marbelite's professional sealers such as, *Acrylic Urethane* or *Polyaspartic*, or use *Crystal Clear 1000* for floors. Interior surfaces can also be clear sealed with *Marbelite EpoxySL-100*. (Refer to appropriate technical data prior to use.)

For application over polystyrene with *Marbelite StyroCrete®* or *Screed Crete®*: base coat is optional, if desired, use *Stain Seal 500*. Clear seal with *Marbelite Water Based Clear 750*.

PLEASE NOTE: Applying material outside the suggested parameters may result in product failure. It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application.

PRECAUTIONS AND LIMITATIONS

- ◆ This product will freeze during storage. Store at temperatures above 40°F.
- ◆ All HVAC ventilation ducts should be somehow blocked prior to application so fumes are not distributed.
- ◆ If using indoor, use adequate ventilation.
- ◆ DO NOT BREATHE SPRAY MIST. Wear an appropriate respirator (NIOSH/MSHA approved) safety goggles, and gloves.
- ◆ Avoid breathing dust when sanding.
- ◆ It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- ◆ Please be aware, using this product for floor applications where it has been clear sealed, may become slippery when wet. An anti-slip additive, such as *Marbelite Slip Grip*, can be added to reduce slip hazards.
- ◆ All new concrete must be cured for at least 28 days prior to application.
- ◆ This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- ◆ DO NOT TAKE INTERNALLY.
- ◆ KEEP OUT OF REACH OF CHILDREN.
- ◆ WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to www.epa.gov/lead.

CLEAN UP: Use water and soap. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL: Dried, cured material may be removed with a commercial paint stripper or by using a diamond grinding method, sandblasting method, or similar mechanical action.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container, stored at room temperature.

PACKAGING: Available in 1 gallon containers.

SPECIAL NOTES: Always read all technical information, label, and SDS (MSDS) prior to use. This information can be found online or by calling customer service at the number below.

LIMITATION OF LIABILITY

Marbelite International Corp, "Seller" warrants that if any goods supplied prove to be defective in workmanship or material, that Seller shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for its intended use and User assumes all risks and liabilities whatsoever in connection therewith. Under no circumstances shall the Seller be liable for incidental, consequential, or other damages for alleged negligence, breach of warranty, or strict liability arising out of use or handling of this product. The sole liability of Seller for any claim arising out of the use or sale of defective product shall be for the User's purchase price.

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