



# SLIP GRIP

Revised May 2017

## TECHNICAL DATA SHEET

### ANTI-SLIP GRIT ADDITIVE FOR PAINTS, STAINS, EPOXIES & SEALERS



#### DESCRIPTION

**Marbelite Slip Grip** is a micronized polymer manufactured using special equipment to provide a unique texturizing agent. The particle size is carefully controlled to produce a uniform textured surface in paints and coatings. **Slip Grip** will also impart a smoother "feel" than other types of texturizing agents due to its rounded, almost spherical shape. The maximum particle size is controlled using screens. The coarse **Slip Grip** grades are especially useful in coatings where a nonskid/anti-slip surface is desired. **Slip Grip** is recommended for use in industrial paints, lacquers and coatings (e.g. wood, metal, powder or sprayed).

#### BENEFITS/FEATURES

- ◆ Choose from two different sizes/grits, Fine-50 and Coarse-20.
- ◆ Provides slip resistance when added to a variety of sealers, stains and paints.
- ◆ This product can be added to solvent based acrylic sealers, paints, epoxies, and more.
- ◆ Excellent suspension abilities provide a universal compatibility without a high viscosity increase.
- ◆ Works well with systems such as *DecorChips* and *Marbelized Metallix* to reduce slipping hazards.
- ◆ VOC compliant for most areas in the United States and Canada.

#### RECOMMENDED APPLICATIONS

- Effective on applications such as...
- ◆ *DecorChips*® & Metallic final seal coat
  - ◆ Broom Finished Concrete
  - ◆ Prepped Troweled Concrete
  - ◆ Stamped Concrete
  - ◆ Driveways & Sidewalks
  - ◆ Patios & Pool Decks
  - ◆ Many other interior or exterior concrete surfaces where slip resistance is necessary.

#### TECHNICAL INFORMATION

Solids/Active Content, Percentage by weight	N/A
Dry Time—Tack Free	N/A
Dry Time—Foot Traffic	N/A
Dry Time—Heavy Traffic	N/A
Re-Coat Time Window	N/A
Application Temp	50°F - 80°F
Coverage (*see details under instructions section)	Up to 6 ounces per Gallon
VOC (Volatile Organic Compound) Content	N/A
Dry Appearance	Dry Sand - Varied Sizes

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.

Typical Properties	20	50
Melting Point °F (ASTM D-127)	330-335	330-335
Melting Point °C (ASTM D-127)	166-168	166-168
Density @ 25°C g/cc	.90	.90
Screen Analysis:		
Maximum Partical Size (µm)	840 (20 mesh)	300 (50 mesh)
Microtrac Laser Analysis:		
Mean Particle Size (µm)	N/A	160-180

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# Slip Grip

## INSTRUCTIONS FOR USE

**SURFACE PREPARATION:** Concrete surface must be cleaned and free of all contaminants and water. If multiple coats of sealer are desired, add **Slip Grip** into the final coat.

Substrate and air temperature must be no less than 40°F and not exceed 80°F. If applied outside these limits, the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

**MIXING:** Stir in desired amount of grit into coating for 2-3 minutes with a stir stick or mixer. Additional stirring may be required if coating is left unstirred for an extended period of time. Since **Slip Grip** can be easily dispersed into all types of paints and coatings using a high speed mixer, the need for predispersion is eliminated.

**COVERAGE RATE:** Typically, 3 ounces per gallon of coating is acceptable, up to 6 ounces per gallon may be added, depending on the desired texture.

\*Coverage rates vary depending upon amount used per gallon of coating.

**APPLICATION:** It is recommended to roll any coating when **Slip Grip** is added. Broadcasting the grit over freshly applied coatings is sufficient as well, however, test your broadcasting method prior to complete application so over application is avoided. When using the broadcast method, broadcast into wet, coated floor, then back roll to ensure encapsulation. A second coating may be applied to further encapsulate the grit. Be aware that grit may be trapped in sprayer components backing up the operational mechanisms if a sprayer is used for application. It is NOT recommended to squeegee coatings with the addition of **Slip Grip** as you may get uneven results.

**PLEASE NOTE:** 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 not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- ◆ All HVAC ventilation ducts should be somehow blocked prior to application so fumes are not distributed.
- ◆ This product is harmful if swallowed. Abide by recommended safety guidelines.
- ◆ This product was designed for interior and exterior use.
- ◆ It is recommended to test this product prior to using on entire application.
- ◆ Test this product prior to use. Once applied into coating, the coating must be stripped to remove the grit.
- ◆ This product was designed as a grip additive and not as a coating matting agent.
- ◆ Use this product in conjunction with coatings only. It is not recommended to use it with raw solvents.
- ◆ This product may change the desired look of the coating applied. Test prior to use.
- ◆ This product has minimal resistance to brake fluid, gasoline, and many similar products.

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

**PRODUCT REMOVAL:** Refer to coating data sheet.

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

**PACKAGING:** Available in 1 pint, 1 quart, and 5 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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