Rust Bullet® DuraGrade™ Concrete APPLICATION GUIDELINES

Rust Bullet® DuraGrade™ Concrete provides superior protection for concrete surfaces, while being compliant with VOC regulations in all 50 states. To ensure you achieve the best possible results, it is extremely important that these Application Guidelines are read thoroughly before use. Please refer to the most current Application Guidelines available at www.RustBullet.com or by calling Customer Support at 800-245-1600.

SURFACE PREPARATION

The proper surface preparation prior to applying DuraGrade Concrete will ensure optimum performance. Before application, ensure the concrete is structurally sound, thoroughly clean, and completely dry. Remove loose paint, dirt, mildew, oils, wax, loose particles, and other debris before coating. New concrete must be cured for at least 30-90 days depending on climate. Surfaces with tight existing paint, sealants or very smooth or power troweled should be sanded or ground. All repairs should be completed and allowed to fully cure prior to application. Be sure all repair materials are paintable. Adhesion and calcium chloride moisture tests should be performed, and outstanding issues fixed prior to application.

PRODUCT PREPARATION

IMPORTANT: FAILURE TO FOLLOW STIRRING PROCEDURE BELOW MAY RESULT IN POOR COATING PERFORMANCE

Do not open and stir DuraGrade Concrete when the coating's temperature is below 32°F (0°C). DuraGrade Concrete must be stirred thoroughly until completely uniform and homogeneous. Do not shake or use electric or mechanical mixing devices that may whip air into the product. Stir thoroughly in between coats if the coating has sat for any length of time.

APPLICATION

DuraGrade Concrete may be applied by brush, roller, or spray equipment. Theoretical coverage is approximately 300-350 sq. ft. per gallon/per coat depending on the method of application and the porosity of the concrete. Recommended air or surface temperature should not be below 35°F (2°C) or above 110°F (43°C). Ideal application temperature is between 50°F (10°C) and 80°F (27°C) with humidity below 90%. Never apply DuraGrade Concrete while raining or under threat of rain. Do not apply to surfaces when existing temperature of the surface exceeds 150°F (65°C) or is below 32°F (0°C). Coat small sections at a time (4'x4'). Work at a steady pace, rolling a zig-zag or a "W" pattern. Hastily rolling may cause roller marks. Roller marks will not affect the performance of the coating. Apply a medium coat; too thick may cause bubbling and too thin may cause roller marks. Avoid excess buildup at the edges of the roller. At the end of the stroke, raise the roller a bit, so that it does not leave a mark. Move into the next area and blend it into the previously finished areas. DuraGrade Concrete should be applied to achieve at least a 9 mil wet film thickness, usually a 2-coat application. A minimum 12 mil wet film thickness is required for industrial, commercial, and marine applications. High traffic areas may need additional coats. Average drying time between coats is 2 to 6 hours. It requires less time to dry on a humid day and more on a dry day. The previous coat should be dry to the touch. As soon as there is no transfer of coating to a gloved finger, you are ready for an additional coat. Ideally, apply the next coat as soon as the previous coat is ready. Do not exceed 12 hours between coats. If 12 or more hours have lapsed, wait for DuraGrade Concrete to cure for at least 24 hours then lightly scuff with 150 grit (just enough to roughen the finish) before applying additional coats. If decorative flakes are desired, spread the flakes on the last coat of DuraGrade Concrete while still wet. Once dry to the touch, apply a coat of DuraGrade Clear to protect and seal in the flakes. If a slip resistant surface is desired, mix an anti-skid material into the final coat of DuraGrade. Make sure to keep the antiskid material suspended by stirring frequently during application. When choosing an anti-skid material, it is important to choose one compatible with moisture-cure urethane. If both anti-skid and decorative flakes are desired, spread the flakes on the last coat of DuraGrade Concrete while still wet. Once ready for the next coat, mix the anti-skid material into the final coat of DuraGrade Clear, stirring frequently during application. Adding a decorative flake and/or an anti-skid material to the project may decrease or eliminate the visibility of roller marks. Though rare, different concrete mixtures could cause different finishes of DuraGrade Concrete. Discoloration, film thickness variations, roller marks, etc. do not equal coating failure. Inexperienced applicators have potential to achieve different results as each concrete mixture is different and application techniques are unfamiliar. **Note**: These drying times are meant to be a guide only; actual drying times can vary significantly based on film thickness, air circulation, temperature, relative humidity, and other factors.

CLEAN-UP, PRODUCT STORAGE AND HANDLING

Avoid getting on skin, clothes, or any surface not intended to coat as Rust Bullet DuraGrade is permanent and after curing cannot be removed without abrasive action. Use Rust Bullet Solvent for cleanup. If Rust Bullet Solvent is unavailable, xylene, toluene or acetone may be substituted. DuraGrade Concrete residue will harden, possibly damaging equipment if not cleaned immediately. Partially used containers may be resealed using Bloxygen to preserve the product for up to six months. Limit the time the container is opened. Immediately wipe clean any coating from the rim of the container before resealing. Never pour DuraGrade coating that has been exposed to air or moisture back into the container. If a skin has formed in a new unopened container or a sealed container, remove by cutting edge of skin at the skin/container surface. Discard the skin properly. Stir until uniform, filter if necessary and apply. Rust Bullet coatings are packaged in unlined paint cans. If the coating is transferred to another container, a clean unlined paint can (or similar unlined metal container) must be used. Unopened cans have a shelf life of approximately two (2) years. The shelf life of opened cans *not* re-sealed using Bloxygen is approximately one month.

SAFETY CONSIDERATIONS

Use with adequate ventilation, and if necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. IMPORTANT: Protective clothing, gloves, and eye protection, etc. are recommended during set-up, application and cleanup; it is extremely difficult to remove Rust Bullet coatings from skin after about 10 minutes. Avoid open flames, pilot lights, sparks, heating elements, cigarettes, or any and all possible sources of ignition. ***For more complete coverage of safety issues refer to the GHS SDS at www.RustBullet.com.***