

Product Description

EMAG-20 is an aluminum oxide-based “dust-on” or “seedable” aggregate and blasting medium intended for either interior or exterior concrete to provide excellent skid-resistance, or where a denser, highly abrasion-resistant, and/or more aesthetically-pleasing surface is desired. The premium ingredients and formulation of **EMAG-20** make it ideal for use in heavy machine traffic structures, high-traffic walkways, stairwells, warehouses, auditoriums, factory floors, aisles, turnarounds, and cart paths.

Installation

Before using this product, please refer to the Safety Data Sheet for additional information. Proper handling precautions **MUST** be followed. The conditions of use, handling, and application of this product and information (whether verbal or written), including any suggested formulations and recommendations, are beyond Lambert Corporation’s control. Therefore, it is imperative that testing be performed to determine satisfaction and suitability for intended use and health, safety, and environmental issues. The following information is meant as a guideline of best industry practices. While Lambert Corporation does suggest adherence to these guidelines, unforeseeable variables and/or developed successful installer practices may cause variation in methods and/or results. Transportation, storage, means of utilization, and methods of application are not the responsibility of, nor within the scope of control of Lambert Corporation, and any question regarding the appropriate application of these products must be addressed with Lambert Corporation representatives prior to use. Field visits by Lambert Corporation personnel are for the purpose of making technical recommendations only, and not for supervising or providing quality control on the jobsite.

Substrate Preparation

Concrete pour upon which will **EMAG-20** be applied should be of an appropriate mix design to allow seeded aggregate placements. Follow suitable industry, regulatory, and safety recommendations and requirements for concrete placement. Improperly chosen substrates, conflicting admixtures, and/or poor placement can cause surface issues.

Application / Placement

Applicators should be familiar and experienced, given the complexity and extreme time limitations of these products, with dust-on seeded aggregate applications. Distribute half of the **EMAG-20** material evenly through means of appropriate measured disbursement system or mechanical spreader only when the poured concrete substrate has reached a point wherein no excess moisture appears at the surface and it will properly hold the aggregates. Due to accelerated moisture loss based on location, edges of slabs should be addressed first. To prevent potential delamination, no moisture should be added to surface at any point during application. As soon as the material has distributed correctly on the poured concrete substrate, float material in using appropriate tools. The second half of the **EMAG-20** material can then be applied in the same mannerism and surface uniformly troweled.



Packaging:

50-lbs (22.7-kg) Bag

Finishing

Surfaces of **EMAG-20** material can be finished similar to standard concrete including scoring, texturing, and brooming. Excessive steel troweling should be avoided to prevent burnishing or damage to the seeded aggregate top layer. Surface can be sealed

with appropriate sealer or curing and sealing compound.

Limitations

Avoid placement when temperatures are, or will be below 50°F (10°C) within 24 hours. Placements with improperly added water or at low temperatures, can see both compressive strength reductions and potential delamination. Timing is extremely critical. Applicators must be fully familiarized with product and application procedures before installation. Overworking surface with tools can cause adverse reactions to product bond and lead to delamination. **EMAG-20** is not a topping material or designed to be applied to fully hardened substrates of any kind.

Coverage

0.25 pounds per ft² (1.22 kg per m²)

Clean-Up

Product can be cleaned up by sweeping, paying attention to minimizing the creation of excess dust. Use water to clean tools and equipment immediately following application. Finished/cured product must be removed with mechanical means.

First Aid

Cement powder or freshly mixed concrete may cause skin injury. Avoid contact with skin and wash exposed skin areas promptly with soap and water. If any cement powder or mixture gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention. Avoid overexposure to the airborne dust. If inhalation occurs, remove to fresh air area. If any discomfort or breathing issues occur, seek immediate medical attention. Refer to product Safety Data Sheet for further information.

U.S. State of California Proposition 65

This product contains material listed by the State of California as known, when treated improperly, to cause cancer, birth defects or other reproductive harm.

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.