Enduris™ Granular Application

Granules have been historically applied to silicone roof coatings to:

1. Diffuse reflected light.
2. Prevent slippage with walkways.
3. Reduce incidents of mechanical and bird damage.
4. Increase surface area (allowing water to evaporate more quickly).

Application

Granule application will require a minimum two coats of Enduris™ Roof Coating. The first application (basecoat) of Enduris™ should meet the minimum dry film thickness requirement of the Warranty duration that is being requested. A second application (topcoat) of Enduris™ will be required to broadcast the granules into. Typically this second application is made at a minimum gallon per square. Enduris™ 3525 is often preferred as this product has a longer work life.

Granules should be broadcast into the wet topcoat within 5 minutes of applying the coating at a typical coverage of 40 to 50 pounds per square. Excessive loose granules should be removed from the roof once the topcoat has cured.

Granules may need to be washed and dried to remove contaminants before application. A mockup should be performed to confirm performance and aesthetic requirements are met.

Walk Pads

It is generally acceptable to broadcast granules into a topcoat of Enduris™ for use as a walk pad. The topcoat should be a contrasting color relative to the basecoat. Granules are typically applied at 30 pounds per square.

Recognized Granule Manufacturers

Various companies manufacture granules. The listing below identifies products that have been successfully used with GE Silicones Enduris™ Roof Coatings.

Manufacturer	Website	Product
3M	www.3m.com	**#11 Grade Roofing Granule**
SESCO	www.sescogranules.com	**SESCO Granules**

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