

PRODUCT IDENTIFICATION

# #1 White Marble Roofing Aggregate

(EAST COAST)

#1711WME50

- 50 lb bag

#1711WME3000

- 3000 lb super sack

A HIGHLY REFLECTIVE AGGREGATE FOR USE IN THE SOLARGARD G ADHESIVE ROOF SURFACING SYSTEM

### Composition

#1 White Marble Roofing Aggregate is a white, highly reflective, kiln dried, durable roof surfacing material.

### Uses

#1 White Marble Roofing Aggregate is used in conjunction with Republic SOLARGARD G Adhesive to provide a highly reflective, high emissivity roof surfacing system for use in restoration of built up (BUR) and Modified Bitumen (MB) roofing systems. The SOLARGARD G system, featuring #1 White Marble Roofing Aggregate, is suitable for use as a restoration surfacing on existing roofs that are in good condition.

A roof surface consisting of #1 White Marble Roofing Aggregate adhered in SOLARGARD G Adhesive meets the requirements of LEED, and could qualify for a point towards the overall LEED certification of a project. #1 White Marble Roofing Aggregate has been tested, by a third party, according to the standards of the Cool Roof Rating Council (CRRC). #1 White Marble Roofing Aggregate must be applied in SOLARGARD G Adhesive in order to obtain this particular rating and classification.

### Limitations

Not intended to perform under ponding water conditions. Positive drainage required.

**Color:** White

**Size:** 3/8" (#4)

### Packaging:

Available in 50 lb.(22.7 kg.) with 35 bags per pallet. (\$15.00 per pallet fee) Also available in 3000 lb. (1360.7 kg.) super sacks (No deposit, no return bags)

**Availability:** #1 White Marble Roofing Aggregate is supplied/shipped out of North Carolina. The supplier serves the Eastern half of the United States. There is a 3 week lead time for material delivery.

### Surface Preparation

All detail and flashing applications must cure at least 1 day prior to the application of SOLARGARD G Adhesive.

Refer to appropriate application specification for further information.

## PRODUCT ADVANTAGES

### FEATURES

**Highly reflective surface**

### BENEFITS

- Keeps roof surface temperature lower than typical gravel
- Reduces air conditioning loads during peak day
- Reduces Urban Heat Island Effect
- Improves comfort within building

**Durable surfacing**

- Long life
- Protection from hail and falling objects
- Resists damage from traffic

**Kiln Dried**

- Low dust
- Consistently dried

## PHYSICAL PERFORMANCE CHARACTERISTICS

### PROPERTY

### TYPICAL VALUE

<b>Hardness</b>	- 3.5 to 4.5 mohs
<b>Specific Gravity</b>	- 2.86
<b>Color</b>	- White



**Republic Powdered Metals, Inc.**  
 2628 Pearl Road • Medina, OH 44256  
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## Application

Fully mix the SOLARGARD G Adhesive prior to application. Review the product data or label information for proper mixing instructions. Apply the SOLARGARD G Adhesive to the roof surface at a coverage rate of 7 gal / 100 sq. ft. (min). Immediately broadcast 250 lbs / 100 sq. ft. of new clean #1 White Marble Roofing Aggregate into the adhesive.

Refer to appropriate application specification for further information.

## Maintenance

It is recommended that the coated area be checked on a regular schedule with additional inspections after the system has been exposed to severe weather conditions. Recoating or small area touch up can be made at any time by following recommended application procedures.

## Technical Services

Technical advice or service on suitability of material for specific application and end-use requirements is available from the manufacturer. Refer to label and Material Safety Data Sheet (MSDS) for precautionary information.



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The information provided on this data sheet is effective as of August 2008 and supersedes all previous data concerning this product and its application.

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