

A superior mineral wool for multiple applications



USG

Mineral Wool

- Ceiling tiles
- Insulation
- Asphalt
- Cementitious reinforcement
- Friction products
- Fire protection systems
- Adhesives
- Fillers



USG premium mineral wool is suitable for a variety of applications – from ceiling tiles to asphalt. The result of slag, granite and other minerals spun at high temperatures, USG mineral wool has a high fiber tensile strength and will not burn, rot or absorb moisture or odors. In addition, its minimum 88% recycled content may assist in obtaining LEED® credits.

Applications	Ceiling tiles	Friction products
	Insulation	Fire protection systems
	Asphalt	Adhesives
	Cementitious reinforcement	Fillers
<p>Note USG can accommodate all manufacturing processes to suit the applications listed above. Some applications may require suitability testing by the customer.</p>		

Product Data	Color: Off-white
	Average fiber diameter: 4.1 microns
	Fiber length: 0.035–1.25 in. typical
	Hardness: 6.0 Moh
	Fiber tensile strength: 80,000 psi
	Non-fibrous content: 45–50% typical
	Recycled content: 88–100% (depending on product)
	Melting point: 2200 °F
	Devitrification: 1550 °F
	Operating temperature: Up to 1450 °F
	Specific gravity: 2.7–2.9 g/cc
	Loose fill density: 4–6 lbs./cu. ft.
Packaged density: 6–22 lbs./cu. ft.	
Shrinkage: Begins at 1475 °F (depends on temperature and duration)	
Refractive index: 1.62–1.64	
pH: Approximately 9	

Chemical Composition	Ingredient	Weight
	Silica	34–44%
	Calcium	32–44%
	Alumina	8–14%
	Magnesia	4–13%
	Other	0–4%

Storage Store USG mineral wool in a dry area, free from moisture and exposure to the elements.

Production Information

See gypsumsolutions.com for the most up-to-date product information.

Trademarks

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Safety First!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.