

USG INDUSTRIAL FILLER No. 1

DESCRIPTION

Developed for the specialty cement market, USG Industrial Filler No. 1 is an optimized, proprietary blend of anhydrous and dihydrate calcium sulfate. It provides a controlled set time, improved green strength and dimensional stability. If information for a specific use is needed, please contact your local USG Sales Representative for further assistance.

TYPICAL PHYSICAL PROPERTIES

Specific Gravity	2.3
pH—10% Slurry	7.5
Mohs Hardness⁽¹⁾	2
Loose Bulk Density (lbs./ft.³)	78
Packed Bulk Density (lbs./ft.³)	98
Median Particle Size (microns)⁽²⁾	21
Typical Chemical Analysis	
	%
CaSO₄	67-70
CaSO₄ 2H₂O	22-25
CaCO₃ • MgCO₃	2.4
Combined Moisture	5.3 Maximum

⁽¹⁾ Literature value

⁽²⁾ Microtrac S3500 FRA

TYPICAL PARTICLE SIZE DATA

Sieve Analysis ⁽¹⁾	% (By Weight)
Through 4 mesh (4800 microns)	100.0
Through 8 mesh (2400 microns)	100.0
Through 16 mesh (1200 microns)	100.0
Through 30 mesh (600 microns)	100.0
Through 50 mesh (300 microns)	99.8 – 100.0
Through 100 mesh (150 microns)	88.0 – 100.0
Through 200 mesh (75 microns)	74.1 – 100.0
Through 325 mesh (44 microns)	57.8 – 100.0

⁽¹⁾ Alpine Jet Air Sieve

PRODUCT INFORMATION

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

CAUTION

Dust from mixing may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If on skin: Wash with plenty of water. If swallowed or irritation persists, call a physician. For more information call Product Safety: 800 507-8899 or see the SDS at usg.com

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

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NOTICE

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

SAFETY FIRST!

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

STORAGE AND USE

When properly used, USG Industrial Filler No. 1 is easy to work with. Keep indoors at temperatures between 65 °F – 75 °F (18 °C – 24 °C) and 45% – 55% RH. Do not stack more than two pallets high. Keep from drafts. Rotate stock. USG Industrial Filler No. 1 should be used within one year of the manufacturing date located on the package. Always follow handling and use directions and safety warnings on the package.

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usg.com

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