



Processing and Drying **GYPSUM**

PROCESSING • USES • DRYING • BENEFITS • SOLUTIONS

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PROCESSING AND DRYING GYPSUM

Found in commercial quantities all around the world, gypsum is a naturally occurring mineral composed of calcium sulfate dehydrate. Because it can be recycled, gypsum is considered a green material with numerous uses in the construction and agriculture industries.

GYPSUM'S COMMON USES

- Gypsum wallboard - commonly referred to as drywall, sheet rock and plasterboard - is used as a finish for walls and ceilings
- Soil conditioner
- Building construction
- Surgical splints and casting molds
- A component of Portland cement
- Foot creams, shampoos, and other cosmetics
- Impression plasters in dentistry

DRYING GYPSUM

Drying is an essential in processing gypsum, whether mining or pelletizing. Gypsum dryers work as moisture control solutions.

A rotary dryer is used to reduce the moisture content of the gypsum. Lifting flights inside the rotating drum shower the gypsum through a heated air stream, drying the material as it moves through the dryer.

Drying is also part of the beneficiation process, separating the desired material from the unwanted material.

BENEFITS FROM DRYING GYPSUM

- Improves the material for processing
- Prevents congestion of equipment
- Improves product handling

VULCAN DRYING SYSTEMS SOLUTION

Vulcan Drying Systems supplies equipment to process gypsum. Our team can build a dryer to best fit your specific project needs.

For more information on Vulcan Drying Systems email us at sales@vulcandryingsystems.com or call us at +1 (660) 263-7474.

