

Higher Value Markets for FGD Gypsum

John R. Glasscock

Synthetic Materials, P.O. Box 81, Cumberland City, TN 37050.

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ABSTRACT

Synthetic gypsum has gained widespread acceptance as a raw material in the production of gypsum wallboard and cement. These two markets account for in excess of 80% of all natural gypsum and virtually all synthetic gypsum consumption in North America.

Additional uses of gypsum include agriculture, industrial fillers and plasters. These secondary uses represent lower volume markets but generally result in greater value for the gypsum producer. To successfully penetrate these markets, the synthetic gypsum producer must tailor the physical and chemical qualities of the synthetic gypsum to the needs of the specific market. By producing a synthetic gypsum product that is consistent in properties such as color, particle shape, particle distribution and levels of impurities, the higher value markets can be successfully developed. The synthetic gypsum producer will benefit from higher profit margin and diversification of sales.