

## **Recent Studies on Refractory Materials and New Markets in Magnesia Products**

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KÜMAŞ produces and supplies sintered magnesia, fused magnesia, fused oxychrom and calcined magnesia. These products are derived from high quality microcrystalline natural magnesite ore for supply into the industrial minerals market. In addition KÜMAŞ produces basic refractory materials such as magnesia, dolomite and alumina based refractory brick and mortars in its integrated refractory plant. KÜMAŞ has raw material mines, thereby gaining advantage of continuity in production, consistently high quality products and cost control which is reflected in the commerciality to its customers. From raw materials to refractory products and up to complex refractory concepts – our successful basic research is based on in-depth knowledge of the relevant process technologies of the user industries especially iron-steel, cement, lime, glass and non-ferrous metal industry. In recent times, KÜMAŞ is focused on projects related with magnesium chemicals to produce value added products from its own magnesite raw material. Magnesium chemicals are used in waste water treatment, hydrometallurgy, fertilizer, heating elements, animal nutrition, flame retardant and construction panel industry.