

binder+co

we process the future

CAN YOU SEE THE DIFFERENCE?





MAGNESITE

Magnesite is an accompanying material in talc product that causes interference. What's more, it has a negative influence in various processing stages, such as fine comminution. An efficient separation method for this impurity is thus indispensable.

MINEXX

In the last few years, optical sorting in the processing of primary raw materials has established itself as a reliable separation method. The advantages of sensor-based processing are obvious: apart from the longer usability of deposits and the marked increase in efficiency and productivity of plants, product quality is also significantly improved.

Using the latest NIR technology, rocks and minerals whose visual differences are hardly – or not at all – noticeable to the naked eye, can now be sorted. The new MINEXX NIR detects the absorption behaviour of rocks in the wave



length range above the visible spectrum and uses this as a sorting criterion. NIR technology is used in the production of pure fractions of magnesite for the manufacture of refractory materials.

As a provider of complete solutions, Binder+Co has a know-how which takes into account the entire range of treatment processes and is not restricted to single processing stages. The creation of an optimised plant concept is crucial in sensor-based sorting since the optimum pre-treatment of the charging material substantially influences product quality.



TALC

Talc is in demand in a number of industries, such as in the plastics industry, the paper and pulp industry, in the manufacture of paints and varnishes, and in the pharmaceuticals industry. It is characterised by smoothness, its high degree of whiteness and also by its low value on the Mohs hardness scale. On top of this, it is also water repellent.

Binder+Co has been an international specialist in the sorting of transparent and non-transparent bulk materials for decades. The sensor-based sorting technology of Binder+Co ranges from single stand-alone machinery to complete turn-key plants. The requirements of our customers

are our first priority. The optimum plant concept and the right conditioning of the charging material are indispensable in securing the economic and technological advantage of our customers.