

Increased productivity and quality with BIVITEC



75% increase in the plant's value! Screening reduces the worthless fraction of the product to 25%.

Year of construction:	2008
Country:	Spain
Feed material:	Limestone
Feed rate:	300 t/h
Type of machine:	BIVITEC KRL/DD 1900x7
Ref. Number:	28617

Starting situation

Plant operators often come across problematic pre-screening material when processing raw construction materials and industrial minerals. The raw material is screened prior to the first crushing stage. The success of this screening depends greatly on the quality of the deposit, the moisture and, among other things, the loam and clay content. With conventional screening technology, the screening cut point is usually 30 mm. This coarse cut point, however, means that plant operators lose a great deal of valuable product. Wet processing of the pre-screening material would be too costly and too time-consuming.

Solution by Binder+Co

It was possible to reduce the cut point to 5 mm by using the BIVITEC technology with dynamically excited screen mats. The result was a significant reduction in lost material.

Benefit for the customer

- The customer was able to reduce the fraction of non-utilizable material by 75% and at the same time to increase the fraction of saleable product by 25%!
- The newly installed BIVITEC therefore has a very short amortization period!