

Case study:**Mixing of mineral slurry****Application:**

Intensive mixing of a slurry containing water, sand, cement and pigment. The traditional mixers for this application are impact mixers this type are creating lumps and require manual cleaning with a hammer and a chisel.

Requirements:

Homogenous product without any lumps. Reliable process, which is easy to clean.

Solution:

For creating a homogenous mixture of liquid and powders the Cyclomix has is applied. The unique flow pattern in the mixer avoid that lumps are formed. High production capacities can be achieved giving homogeneous products (< 2 min for 2000L)

Cleaning has never been so easy:

Just by adding a small quantity of process water for the following batch the mixer can be cleaned by rotating the rotor. At the end of a production cycle the mixer is two times filled with 25% of water and this will do the cleaning of the mixer..

Conclusion:

The Cyclomix is a perfect mixer for slurries, creating homogeneous batches in ultra short times. By using process water cleaning is fast, easy and cheap

