

Reliable gravel mining with state-of-the-art equipment

When gravel is mined and processed to make construction materials, large quantities of sludge are produced in the washing process. Robust valves are essential for the smooth operation of equipment.

The Baustoffpark Walliswil construction materials centre operates a mine with large gravel reserves as well as other plants such as a gravel works, cement works, asphalt works, a general mixing plant and a general recycling plant, which are operated with state-of-the-art equipment and monitoring devices. The construction materials centre is owned and run by the construction company Marti AG Solothurn Bauunternehmung, which covers all areas of construction work and has many years of experience, particularly in road construction and underground engineering.

After the raw material is extracted in the gravel mine and partially broken up, it is transported by conveyor belt to an intermediate unit. Here, it is prepared, washed, partly broken down and sifted, and finally processed to make asphalt, ready-mix concrete and gravel mixtures of high quality.

Smooth operation, long service lives and easy maintenance are the main requirements for the modern equipment used.

For many years, the gravel plant at Walliswil has placed its trust in the reliable and extremely robust products of InterApp AG. ORBINOX EX valves are used, for instance, to treat the sludge-filled water. For other water treatment applications, Desponia butterfly valves are used, with ductile iron body, ductile iron disc and Rilsan coating, EPDM sealing and manual or pneumatic actuators. In addition,



easy maintenance and swift response times help ensure reliable gravel mining and smooth processing in the gravel works.

Products installed

Desponia butterfly valves with ductile iron disc and Rilsan coating

Products installed

ORBINOX knife gate valves type EX

All valves are operated with

- **Manual actuators**
- **Pneumatic actuator IA Motion**

Headquartered in Switzerland and part of the AVK Group, InterApp develops, manufactures and markets valves and related accessories. As a customer-focused technology company, we supply comprehensive flow-control solutions to the most demanding industries around the world