



for top temperature and pressure resistance

## TURBOEXPANDER APPLICATIONS

Turboexpanders are used in various applications, such as coal-to-gas plants, oil gasification plants, blast furnace gas plants and compressed air power plants. The hot gases generate high levels of pressure on the system. BIRKOSIT Dichtungskitt<sup>®</sup> is brilliant at resisting high pressures and temperatures and guarantees a 100% seal of the turboexpander.

### BIRKOSIT Dichtungskitt<sup>®</sup>

#### **Be on the safe side when it comes to sealing.**

The hot gas parameters, pressure and vibrations in the turboexpander lead to corrosion and oxidation of the sealing surfaces. High demands are placed on the seal. BIRKOSIT Dichtungskitt<sup>®</sup> is not only guaranteed to withstand high pressures and temperatures but it also boasts permanent elasticity.

#### **Advantages at a glance:**

- BIRKOSIT Dichtungskitt<sup>®</sup> meets all the requirements in terms of reliability, resistance and ease of use.
- BIRKOSIT Dichtungskitt<sup>®</sup> has an exceptional ability to withstand the effects of extreme temperatures.
- BIRKOSIT Dichtungskitt<sup>®</sup> can be easily and quickly cleaned from the sealing areas when the turboexpander is dismantled, saving time during inspections and speeding up the resumption of normal operations.
- BIRKOSIT Dichtungskitt<sup>®</sup> can also be used on surfaces in place of conventional seals, such as O-rings, flat gaskets, rubber seals, paper gaskets, asbestos seals, graphite seals and metal gaskets, or it can be used to reinforce seals with solid materials.