

## **Guarantee Designation and Precondition**

Requirement to the unfiltered beer:

- Yeast cell count < 2,000,000 cells / 100 ml
- Viscosity < 1.85 mPa/s
- $\beta$ -glucane content < 150 mg / l
- Iodine value < 0.15  $\Delta$  extinction
- Haze < 60 EBC in the unfiltrate

### **Possible guarantee values:**

- max. 5 culture yeasts/100 ml in the average of all taken samples
- Oxygen pick-up max. 0.05 mg/l. Measuring points: filter inlet / outlet.  
Precondition: For precoating and body feed only degased water with a max. oxygen content of 0.05 mg/l is used. A CO<sub>2</sub> dosing candle must be installed in the dosing unit.
- Turbidity values: Same or better as with existing filter plants. Generally no guarantee is possible.
- Dosed kieselguhr quantity approx. 11 kg/m<sup>2</sup> filtration area. This however depends on the wet volume of the used kieselguhr.
- When using the stainless steel membrane Durafil<sup>®</sup>, the filter can be started with only one precoat as per our experience in practice. Depending on the ingredients of the product and the filterability of the beer, we cannot guarantee that only one precoat is sufficient under any operating conditions.