



# BRITESORB BK 75 BEER CLARIFIER

Britesorb BK 75 is a non-macerating silicic acid hydrogel. Optimal grain distribution and pore volume in addition to a large surface area create the requirements for good protein adsorption in beer stabilization.

Britesorb BK 75 is chemically inert, dust-free and is not attacked by either water or beer or silicic acid. Its use therefore does not breach German beer purity regulations and is permitted according to the provisional Beer Tax Law §9, section.

Britesorb BK 75 has a very short reaction time: protein adsorption is completed within a few minutes. Britesorb BK 75 can be used both for flow contact stabilization and for tank stabilization. Longer contact times have no disadvantageous effect. Britesorb BK 75 facilitates long filter life.



## PRINCIPLE

Britesorb BK 75 acts physically and chemically and is specially tailored to the complicated colloid-chemical relationships in beer. It removes irreversibly only the protein groups which may cause low-temperature clouding. The protein groups responsible for head formation and head retention are not removed.

Britesorb BK 75 has no effect on the character of the beer. Taste and color of matured beers, extract content, alcohol content, degree of fermentation, pH value and bitters are not modified by Britesorb BK 75.



## QUICK NOTES

### BENEFITS

Irreversibly removes proteins responsible for shelf life haze

Does not affect foam positive proteins

Can be used for stabilization in the tank or in beer flow pre-filter

### TREATMENT RATES

70-100 g/hl

### APPLICATION

Made up to form suspension no greater than 18%. Added in tank or dosed in-line pre-filter



## TREATMENT RATES

Since the ratios are stored differently in every operation, the dosing must be adapted to the individual character of the beer and calculated through trials. The following figures may serve as guide values.

BRITESORB BK 75	
Quantity	Life
40-50 g/hl	3-4 months
up to 70 g/hl	5-6 months
up to 100 g/hl	8-10 months



## APPLICATION

Britesorb BK 75 can be added directly before the beer filtration process, by dosing it into the beer flow after the fresh basic deposit, before the filter, at the same time as filter aids.

Britesorb BK 75 is mixed in advance in this method in the correct ratio to the kieselguhr.

The water volume used for filter material dosing is normally sufficient for the kieselguhr / Britesorb BK 75 combination. The suspension density should not exceed 18%, however.

It is recommended in principle, to add Britesorb BK 75 as early as the second preliminary deposit, for example in the magnitude of approx. 50-100 g/m<sup>2</sup> filter surface.



## ADDITIONAL INFORMATION

Britesorb beer clarifiers are marketed directly by PQ Europe.

**For further information, please contact:**

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