



# LITHOPIX P 26

## Hardener for water glass

### Chemical basis

Aluminium phosphate

### Characteristics

Appearance	white powder
Solubility	water-insoluble
Bulk density	approx. 800 g/l
pH (1%)	approx. 3
P <sub>2</sub> O <sub>5</sub> content	approx. 62%
Al <sub>2</sub> O <sub>3</sub> content	approx. 36%

### Shelf-life / Packaging

24 months when stored properly and dry in closed containers | bags of 25 kg

### Application

LITHOPIX P 26 is a hardener for water glass, which slowly hydrolyses in water glasses in alkaline medium. Here silicic acid is precipitated out in a controlled and irreversible manner, which leads to the hardening of the body.

LITHOPIX P 26 is particularly suitable for hardening water glasses with a SiO<sub>2</sub> : Na<sub>2</sub>O ratio of approx. 2:1. The processing time for the body is one to two hours depending on the composition and temperature. Hardening is complete in approx. 24 hours.

The amount added is approx. 20 to 40% of the amount of water glass used.

The above results have been obtained from trials in our laboratory and plant.  
In the light of changing conditions they can serve only as a guide and are therefore offered without obligation.  
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