



# LITHOPIX AS 21

Chemical binder for refractory gunning mixes

## Chemical basis

Silicate preparation

## Characteristics

Appearance	white powder
Bulk density	approx. 700 g/l
pH (1 %)	approx. 12
Na <sub>2</sub> O content	approx. 30 %
SiO <sub>2</sub> content	approx. 43 %
Al <sub>2</sub> O <sub>3</sub> content	approx. 19 %
Loss on ignition	approx. 8 %

## Shelf-life / Packaging

6 months when stored properly and dry | bags of 25 kg

## Application

LITHOPIX AS 21 is a phosphate-free chemical binder that is used for gunning mixes.

When tundish mixes are produced using LITHOPIX AS 21, cracking and spalling do not occur during drying.

Hot gunning mixtures, manufactured with LITHOPIX AS 21, are characterized by very good adhesion and low rebound.

The amount to be added is 1 to 3 % of the whole, depending on the mix composition.

