



# OPTAPIX PS 17

## Temporary binder

### Chemical basis

Modified polysaccharides in aqueous solution

### Characteristics

Appearance	yellowish liquid
Active matter	approx. 25 %
Solubility	water-miscible
Density (20 °C)	approx. 1.1 g/cm <sup>3</sup>
pH (10 %)	approx. 10
Viscosity (20 °C)	approx. 6000 mPas
Residue on ignition	max. 1.5 %

### Shelf-life / Packaging

12 months when stored properly

drums of 20 and 140 kg, containers of 1000 kg

### Application

OPTAPIX PS 17 brings about an increase in the green and dry breaking strength.

Its ability to incorporate water also endows it with a plasticizing effect. This makes it possible to reduce the proportion of clay, which can lead to an improvement of the resistance to temperature change.

The mode of action of OPTAPIX PS 17 depends on the creation of adhesive forces between the raw material particles. A suitable binder-water ratio allows the formation of a film which attaches itself to the raw material particles.

The amount added is between 0.5 and 3.0 % of the solids content of the body.

Furthermore, OPTAPIX PS 17 can be used in sanitaryware slips to improve their adhesion capacity. For this purpose, OPTAPIX PS 17 can help to adjust the slip to the required structural viscosity.

