



# 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.

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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Phone +86-181 1888 2229 Wuxi Qiren Chemical Technology Co., Ltd. sales@wxqiren.com www.wxqiren.com

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