

OPTAPIX AC 51

Temporary binder



Chemical basis:

Aqueous polymer dispersion

Characteristics:

Appearance:	whitish liquid
Active matter:	approx. 41%
Solubility:	water-miscible
pH (original):	approx. 9.0
Viscosity (20°C):	100mPas
Residue on ignition:	max. 0.5%

Shelf-life / Packaging:

12 months under proper conditions (+ 2°C to 30°C), keep tightly sealed drums of 30 and 130kg, containers of 1000kg

Application:

OPTAPIX AC 51 brings about an increase in the green and dry breaking strength and increases the edge strength. An adequate degree of these strengths is necessary for the handling properties of the shaped components in further technological processes and for transport within the plant.

Owing to its good general slip compatibility, this additive is particularly suitable for the preparation of ceramic bodies by spray granulation followed by pressing.

It is often possible to reduce the moulding pressure and to retain the same degree of compaction.

Compared to the conventional dispersion binders OPTAPIX AC 51 shows a reduced adhesion tendency of the spray granulates during pressing.

The amount added is between 1.0 and 3.0% of the solids content of the body or slip.

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. We ask you to observe the possible rights of third parties.