

ZUSOSET AMS

Chemical binder and thixotropic agent



Chemical basis:

Phosphate preparation

Characteristics:

Appearance:	grey powder
pH (1%):	approx. 8
SiO ₂ content:	approx. 70%
MgO content:	approx. 12%
P ₂ O ₅ content:	approx. 10%

Shelf-life / Packaging:

12 months when stored properly and dry
Bags of 25 kg

Application:

The chemical binder and thixotropic agent ZUSOSET AMS is used in the manufacture of cement free alumina-based vibration mixes.

ZUSOSET AMS shows considerable advantages, particularly when processing alumina-based mixes, which contain MgO (spinel forming concretes). In addition it brings about an increase in strength of these mixes.

The amount to be added varies between 0.5 and 2.0%, depending on the particle size distribution and the raw material.

The required mixing water depends on the raw material and the kind of shaping, and it varies between 4 and 6% approximately.

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.