

## Product information

### UFAPORE TAE

#### Product description

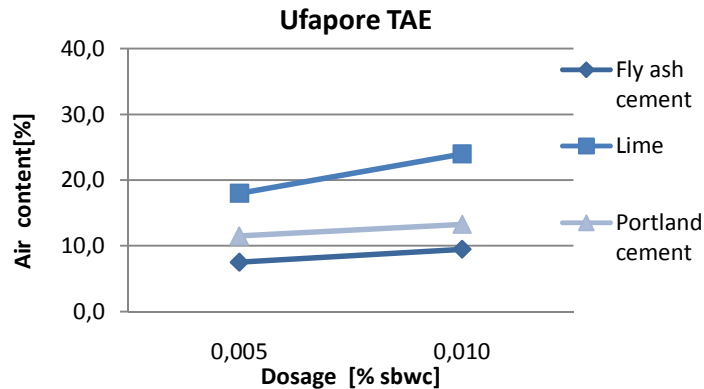
UFAPORE TAE is a surface active agent that works as an efficient air entrainers and plasticizer in different formulations for building materials based on gypsum, cement or lime. UFAPORE TAE is well suited as wetting agent in various areas of application where reduction of surface tension is essential.

#### APPLICATION

UFAPORE TAE imparts improved wetting and dispersion properties for typical mixes applied in the building industry, less tackiness as well as better workability and pump ability. The product incorporates uniform, small and stable air bubbles into various mixtures. Low dust and excellent flow properties during dosage. Normal dosage is 0,005 - 0,05 % sbwc. Necessary dosage to obtain a specified air content depends of binder type, mixer type, w/c ratio, aggregate grading and fines (<0-25mm). It is always advisable to do test trials to optimize the dosage of air entrainer.

#### TYPICAL PROPERTIES

PRODUCT NAME	UFAPORE TAE
Appearance	Ivory white agglomerates
Counter ion	Sodium
Active content	Minimum 93%
pH 1 % solution	9.0 – 11.0
Sodium Sulphate [%]	Maximum 1,7 %
Cloride	< 0,1
Water [w/w %]	Maximum 1,5
Bulk density [kg/m <sup>3</sup> ]	600-700
Solubility	good
Fluidity of agglomerates	excellent
Consolidation	Very good
Dust	Good



Mortar tests are performed according to EN 1015 in a standard mix without any other additive than air entrainer.

Performance				
	Air content	Stability	Workability	Retardation
Portland standard cement	xx	xxx	xxx	xx
Lime binder	xx	xxx	xxx	x
Fly ash sement	xx	xx	xxx	xx

### Storage and handling

Ufapore TAE is shipped in big bags 600 kg and PE 20 kg/30 bags on pallets.

We recommend storing the product in a cool (<30°C) and dry place in its original packing to avoid lumping. Avoid storing the packed material under pressure for the same reason.

In general the product is non-perishable under the recommended storage and handling conditions.

Please refer to the Safety Data Sheet for further details regarding handling.