

Product information

UFAPORE TCO

Product description

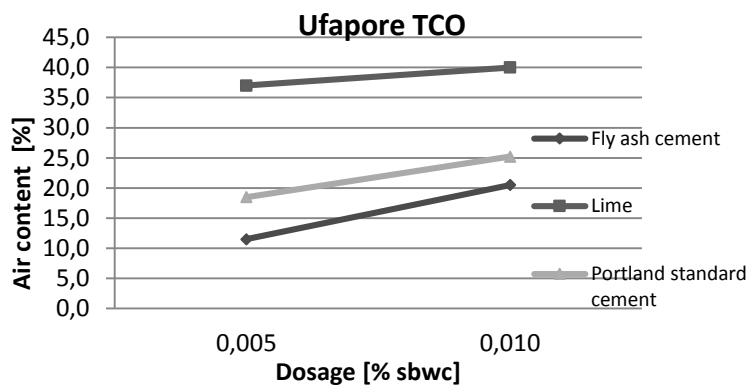
UFAPORE TCO is a surface active agent that works as an efficient air entrainer and plasticizer in different formulations for building materials based on gypsum, cement or lime. UFAPORE TCO is well suited as wetting agent in various areas of application where reduction of surface tension is essential.

APPLICATION

UFAPORE TCO 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 air bubbles into various mixtures. 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 TCO
Appearance	Ivory white powder
Counter ion	Sodium
Active content	Minimum 92%
pH 1 % solution	7.0 –9.0
Sodium Sulphate	Maximum 1,7 %
Water	Maximum 3.0 %
Bulk density	kg/m ³
Solubility	Excellent
Fluidity of powder	Good
Consolidation	Good
Dust	Fine particles



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	XX	XX	XX
Lime binder	XXX	XX	XX	X
Fly ash cement	XX	XX	XX	XX

Ufapore TCO can be used in conjunction with other additives.

This information is based upon Unger fabrikker's experience and knowledge in this field. The information is only a guide for application of the products and Unger fabrikker gives no guarantee for the results from the application of the product, which lies outside Unger fabrikker's control. Unger fabrikker's responsibility and guarantee in selling this products are covered at all times by the relevant general sales conditions.

Packaging, storage and handling

Ufapore TCO 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.
