

R+D Melflux[®] 1022 F

High-performance superplasticizer for calcium sulphate based flowing floor screeds

Characteristics / Chemistry

R+D Melflux[®] 1022 F is a free-flowing spray dried powder of defoamed modified polycarboxylic ether (PCE) with inorganic anti-blocking agent.

Fields of Application

R+D Melflux[®] 1022 F is a highly efficient superplasticizer developed especially for calcium sulphate based flowing floor screeds.

R+D Melflux[®] 1022 F is very low in volatile organic components (VOC) and therefore useful to formulate calcium sulphate based flowing floor screeds to EMICODE EC 1 (very low VOC emission standard).

Field of application is e.g.

➔ Calcium sulphate based flowing floor screeds

Technical Data

Physical shape	powder
Appearance	characteristic, yellowish to brownish
Drying loss, [%]	max. 3.0
Bulk density, [kg/m ³]	350 to 650
pH-value (20 °C), 20 % solution	6.5 to 8.5
Dosage recommendation, [%] in relation to total weight	0.01 bis 0.05

Further Technical Data

Packaging	15 kg paper bag 750 kg big bag
Storage	To be stored in its unopened original packaging, please store dry at usual ambient temperatures and protect from excessive heat (below 40° C); no double stacking of pallets ; may cake when exposed to pressure and friction
Shelf life	1 year
Storage class	11 (flammable solids)
Transport regulation	not known as a dangerous good according to transport regulations

R+D Melflux® 1022 F is a highly efficient superplasticizer based on latest polymer technology. These type of superplasticizers typically contain certain side chains based on polyethylene glycol. Due to raw material synthesis of the polyethylene glycol, the nature of radical polymerization and the composition, it is known that this technical product has some natural colour variations from nearly colourless to yellowish up to slightly brownish. However, these colour variations have no influence on the application performance of the product. It is not known that the product colour changes significantly over time under normal storage conditions.

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This technical note is valid until replaced by a new issue.