

R+D Melflux[®] SELECT 2120 F

High-performance superplasticizer for ternary self-levelling underlayments with high fluidification efficiency and fast wet-out speed

Characteristics / Chemistry

R+D Melflux[®] SELECT 2120 F is a free-flowing, spray dried powder of modified polycarboxylic ether.

Fields of Application

R+D Melflux[®] SELECT 2120 F is especially optimized for fluidification of ternary self-levelling underlayments based on CAC (calcium aluminate cement), OPC (ordinary Portland cement) and calcium sulphate (hemihydrate resp. anhydrite).

R+D Melflux[®] SELECT 2120 F provides fast wet out speed (low mixing time) and high fluidification efficiency. The SELECT technology allows formulation cost optimization through retarder savings and flexibility. In addition, good temperature robustness can be achieved.

Technical Data

Physical shape	powder
Appearance	characteristic yellowish to brownish
Drying loss, [%]	max. 2.0
Bulk density, [kg/m³]	400 to 600
pH-value (20 °C), 20 % solution	6.5 to 8.5
Dosage recommendation, [%] in relation to weight of binder	0.05 to 1.00

Further Technical Data

Packaging	15 kg paper bags
Storage	to be stored in its unopened original packaging, store dry below 40 °C and protect from excessive heat; no double stacking of pallets , may cake when exposed to pressure and friction
Shelf life	1 year

R+D Melflux® SELECT 2120 F is a superplasticizer based on latest polymer technology. These types 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.

Safety notes:

Comprehensive instructions are given in the corresponding Material Safety Data Sheets which are available on request.

The product is a sales product at experimental stage ("R+D Test Product") for which development and testing have not been completed yet. Further information, including amended or supplementary data, may be compiled in the future. For this reason, no assurances are given as to type conformity, processability, long-term performance characteristics or other production or application parameters. *Inter alia*, chemistry (raw materials) and composition/recipe of the R+D Test Product may be changed, and its production may be discontinued even without giving reasons. To the extent legally permissible, the R+D Test Product is made available without (express and implied) guarantee, warranty or liability. No warranty is given for the performance of the product during usage and processing. The customer shall bear the risk of using the R+D Test Product. Customer is obliged to keep the disclosed samples and any related information under strict confidence and shall neither analyze such samples nor disclose them to third parties.

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